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### Contributions of "Letters to the Editor" and News and Notes

The Editorial Board will be glad to receive and consider for publication letters containing information of general interest to physicians throughout the State or presenting constructive criticisms on controversial issues of the day. Also News and Notes items regarding the affairs and activities of hospitals, individuals, communities and local medical societies and groups throughout the State.

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1959 ANNUAL SESSION



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County society secretaries are requested to notify California Medicine promptly when changes are indicated in their roster information

**ALAMEDA-CONTRA COSTA Medical Assn., 6230**  
Claremont Avenue, Oakland 18. Meets Third  
Monday, 8:15 p.m., Hunter Hall, Oakland.  
John Blum ..... President  
2434 Haste St., Berkeley  
John G. Morrison ..... Secretary  
333 Estudillo, San Leandro

**BUTTE-GLENN Medical Society. Meets Fourth**  
Thursday.  
J. M. Humphreys ..... President  
170 E. Second Ave., Chico  
Rufus C. Rucker ..... Secretary  
188 E. Fifth St., Chico

**FRESNO County Medical Society, 2155 Amador,**  
Fresno. Meets Second Tuesday, 6:30 p.m., Sun-  
nyside Country Club.  
John F. Murray ..... President  
1274 N. Van Ness Ave., Fresno  
Max S. Millar ..... Secretary  
3004 N. Fresno St., Fresno

**HUMBOLDT County Medical Society. Meets Second**  
Thursday.  
James Eley ..... President  
624 Harris St., Eureka  
Walter H. Yeider ..... Secretary  
730 Seventh St., Eureka

**IMPERIAL County Medical Society. Meets Second**  
Tuesday, 8 p.m., Pioneer Memorial Hospital,  
Brawley.  
Burke E. Schoensee ..... President  
1075 Len Rey St., El Centro  
Ernest Brock ..... Secretary  
200 S. Imperial Ave., Imperial

**INYO-MONO County Medical Society. Meets Fourth**  
Tuesday except December, January, February.  
Robert W. Denton ..... President  
611 West Line St., Bishop  
Victor Hough ..... Secretary  
354 S. Hay, Lone Pine

**KERN County Medical Society, 2603 G Street,**  
Bakersfield. Meets Third Tuesday, 7:30 p.m.,  
Saddle and Sirlain, except June, July, August.  
Carl L. Moore ..... President  
2603 G St., Bakersfield  
William H. Moore, Jr. .... Secretary  
2603 G St., Bakersfield

**KINGS County Medical Society. Meets Second**  
Monday, 8:00 p.m., Legion Hall, Hanford.  
A. L. Barreiro ..... President  
609 N. Douty, Hanford  
Dorothy J. Smith ..... Secretary  
415 N. Redington, Hanford

**LASSEN-PLUMAS-MODOC County Medical Society.**  
Meets on call.  
William J. Quinn ..... President  
Medico-Dental Bldg., Alturas  
Willard S. Bross, Jr. .... Secretary  
Western Pacific Hospital, Portola

**LOS ANGELES County Medical Assn., 1925 Wil-**  
shire Blvd., Los Angeles 57. Meets First and  
Third Thursdays, 1925 Wilshire Blvd., Los An-  
geles.  
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1925 Wilshire Blvd., Los Angeles  
William F. Quinn ..... Secretary  
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115 S. A St., Madera  
Rex Blumhagen ..... Secretary  
Madera Co. Hospital, Madera

**MARIN County Medical Society, 1703 Fifth Ave.,**  
San Rafael. Meets First Thursday, 7:00 p.m.  
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1703 Fifth Ave., San Rafael  
Russell R. Klein ..... Secretary  
1703 Fifth Ave., San Rafael

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215 West Standley St., Ukiah  
R. B. Smalley ..... Secretary  
361 S. Main St., Willits

**MERCED County Medical Society. Meets Fourth**  
Thursday, Hotel Tioga, Merced.  
Earl Koepke ..... President  
510 W. 25th St., Merced  
Zdenek Fluss ..... Secretary  
2434 M St., Merced

**MONTEREY County Medical Society, P. O. Box**  
308, Salinas. Meets First Thursday.  
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829 Cass St., Monterey  
Robert Helfrich ..... Secretary  
440 E. Romie Lane, Salinas

**NAPA County Medical Society. Meets Second**  
Wednesday.  
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980 Trancas St., Napa  
Thomas W. Ledwich ..... Secretary  
980 Trancas St., Napa

**ORANGE County Medical Association, 1226 N.**  
Broadway, Santa Ana. Meets First Tuesday,  
7:00 p.m.  
Francis G. Mackey ..... President  
1321 N. Spadra Road, Fullerton  
Henry R. Hall ..... Secretary  
131 Broadway, Costa Mesa

**PLACER-NEVADA-SIERRA County Medical Society.**  
Meets Second Wednesday.  
K. M. Joye ..... President  
145 Midway Ave., Auburn  
T. J. Rossitto ..... Secretary  
1166 High St., Auburn

**RIVERSIDE County Medical Association, 4175**  
Brockton Ave., Riverside. Meets Second Monday,  
8:00 p.m., El Loro Room, Mission Inn  
Herman H. Stone ..... President  
3660 Arlington Ave., Riverside  
Donald Abbott ..... Secretary  
4029 Brockton Ave., Riverside

**SACRAMENTO Society for Medical Improvement,**  
2731 Capitol Ave., Sacramento. Meets Third  
Tuesday, 8:30 p.m., Sutter Hospital Auditorium.  
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2901 Capitol Ave., Sacramento  
G. A. Fricker ..... Secretary  
2901 Capitol Ave., Sacramento

**SAN BENITO County Medical Society. Meets First**  
Thursday, Hazel Hawkins Memorial Hospital,  
Hollister.  
John J. Haruff ..... President  
P. O. Box 236, Hollister  
J. O. Bradt ..... Secretary  
Bank of America Bldg., Hollister

**SAN BERNARDINO County Medical Society, 615**  
D St., San Bernardino. Meets First Tuesday,  
8:00 p.m., San Bernardino County Charity  
Hospital.  
Philip M. Savage ..... President  
1700 Waterman Ave., San Bernardino  
Cline N. Mapes ..... Secretary  
1807 D St., San Bernardino

**SAN DIEGO County Medical Society, 3427 - 4th**  
Ave., San Diego 3. Meets Second Tuesday, Mis-  
sion Valley Country Club, 950 West Camino  
Del Rio.  
Edward I. Levy ..... President  
333 Nutmeg St., San Diego  
James I. Knott ..... Secretary  
3712 - 30th St., San Diego

**SAN FRANCISCO Medical Society, 250 Masonic**  
Ave., San Francisco 18. Meets Second Tuesday,  
8:15 p.m., 250 Masonic Ave., San Francisco 18.  
Robert C. Combs ..... President  
250 Masonic Ave., San Francisco  
Roberta Fenlon ..... Secretary  
250 Masonic Ave., San Francisco

**SAN JOAQUIN County Medical Society. Meets First**  
Thursday, 8:15 p.m., 936 N. Commerce St.,  
Stockton.  
Gilbert den Dulk ..... President  
Main & Acacia Sts., Ripon  
Dora A. Lee ..... Secretary  
2420 N. California St., Stockton

**SAN LUIS OBISPO County Medical Society. Meets**  
Third Saturday, 7:00 p.m., Anderson Hotel,  
San Luis Obispo.  
John F. Hardham ..... President  
522 - 13th St., Paso Robles  
Louis Tedone ..... Secretary  
1170 Marsh, San Luis Obispo

**SAN MATEO County Medical Society, 122 Second**  
Ave., San Mateo. Meets Third Tuesday.  
Ferrall H. Moore ..... President  
2946 Broadway, Redwood City  
Robert O. Holmes ..... Secretary  
15 Downey Way, Hillsborough

**SANTA BARBARA County Medical Society, 300**  
W. Pueblo St., Santa Barbara. Meets Second  
Monday, Cottage Hospital.  
David Reeves ..... President  
316 W. Junipero St., Santa Barbara  
Robert I. Cord ..... Secretary  
300 W. Pueblo St., Santa Barbara

**SANTA CLARA County Medical Society, 1960 The**  
Alameda, San Jose 26. Meets Third Monday  
except in July and August.  
J. Frederic Snyder ..... President  
205 Medical Bldg., Campbell  
Harold Y. Randle ..... Secretary  
323 Saint Claire Bldg., San Jose

**SANTA CRUZ County Medical Society. Meets every**  
Second Month, Second Tuesday. Time, place to  
be announced.  
Carey R. Alsberge ..... President  
122 Locust St., Santa Cruz  
William Cress ..... Secretary  
526 Soquel, Santa Cruz

**SHASTA-TRINITY County Medical Society. Meets**  
First Monday.  
Roland R. Jantzen ..... President  
1726 Market St., Redding  
Robert R. Breeden ..... Secretary  
Box 416, Weaverville

**SISKIYOU County Medical Society. Meets Sunday**  
on call.  
Robert W. Bayuk ..... President  
224 Butte St., Yreka  
John McGiff ..... Secretary  
Box 246, McCloud

**SOLANO County Medical Society. Meets Second**  
Tuesday, 8:00 p.m., at different meeting places.  
George J. Budd ..... President  
1004 Marin St., Vallejo  
Elwin W. Midgley ..... Secretary  
1512 Napa St., Vallejo

**SONOMA County Medical Society, 304 American**  
Trust Bldg., Santa Rosa. Meets Second Thurs-  
day.  
Frank E. Lones ..... President  
304 American Trust Bldg., Santa Rosa  
Clayton B. Taylor ..... Secretary  
304 American Trust Bldg., Santa Rosa

**STANISLAUS County Medical Society, 303 Downey**  
Ave., Modesto. Meets Third Tuesday of the  
month, 7 p.m., Hotel Covell, Modesto.  
Edward K. Prigge ..... President  
1700 McHenry Village Way, Modesto  
John S. Woolley ..... Secretary  
808 - 13th St., Modesto

**TEHAMA County Medical Society. Meets at call**  
of President.  
Harve W. Jourdan ..... President  
343 Oak St., Red Bluff  
L. E. Wolfe ..... Secretary  
75 Belle Mill Road, Red Bluff

**TULARE County Medical Society.**  
V. A. Badertscher ..... President  
499 N. L St., Dinuba  
Ralph N. Miller ..... Secretary  
231 N. Main St., Porterville

**VENTURA County Medical Society. Meets Second**  
Tuesday, 7:15 p.m., Colonial House, Oxnard.  
Charles M. Hair ..... President  
P. O. Drawer D, Saticoy  
F. K. Heibling ..... Secretary  
34 N. Ash St., Ventura

**YOLO County Medical Society. Meets First Wednes-**  
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Robert L. Pye ..... President  
Woodland Clinic Medical Group  
Third & Cross, Woodland  
James W. Morrison ..... Secretary  
500 First St., Woodland

**YUBA-SUTTER-COLUSA County Medical Society,**  
P. O. Box 749, Marysville. Meets Second Tues-  
day.  
P. E. Thunen ..... President  
320 G St., Marysville  
Robert I. Hodgins ..... Secretary  
729 D St., Marysville

(For roster of C.M.A. committees and other organizations, see last month's issue.)

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### **Infected Animals Can Cause Rabbit Fever**

If you skin or clean wild animals, you may be in danger of acquiring rabbit fever.

According to a health column in the October *Today's Health*, published by the American Medical Association, tularemia is one of 83 diseases of animals transmittable to man.

The disease is common in rabbits, field mice, opossums, squirrels, coyotes, skunks, and other small wild animals. It is fatal to the animals.

If an animal seems unusually tame or runs sluggishly when flushed, he may have tularemia, and hunters should be wary of killing and taking the animal home.

### **Occluded Neck Arteries Cause Many Strokes**

A large percentage of strokes are caused by obstructions in the arteries of the neck, according to three Texas physicians. The obstructions, frequently resulting from hardening of the arteries, reduce the flow of blood to the brain, producing the symptoms of stroke—weakness, loss of speech and the ability to understand, visual disturbances, and mental dullness. Other possible causes of stroke are blood clots, capillary hemorrhage, or blood vessel spasm in the brain. Careful diagnosis of the cause of the stroke must be made in order to decide the proper treatment. Occlusions in the neck arteries are readily diagnosed through the use of x-ray. Since the obstructions lie in the neck, they can be treated by

The article said that hunters, housewives, and vendors who skin and clean infected animals can acquire the disease through an abrasion or even apparently unbroken skin.

Symptoms in humans include headache, chills, fever, general weakness, backache, joint pains, and prostration.

Antibiotics can cure the disease, but the column listed certain precautionary procedures which include:

- Wearing rubber gloves when skinning animals.
- Washing blood from the skin with plenty of soap and water followed by the use of a disinfectant.
- Calling your physician and going to bed if you think you have tularemia.

“direct surgical attack,” according to Drs. E. Stanley Crawford, Michael E. De Bakey, and William S. Fields, Baylor University College of Medicine and the Methodist Hospital, Houston.

Writing in the October 4 issue of the *Journal of the American Medical Association*, they said the surgery may take the form of actual removal of the obstructed part of the artery or the creation of a grafted by-pass around the occlusion. Forty-three patients who had occluded internal carotid, innominate, subclavian or left common carotid arteries have been surgically treated.

Since surgery, signs suggestive of impending stroke have cleared in all patients, and episodes of recurrent strokes which had occurred in 14 patients before operation have not recurred in any patient, the physicians stated.

### **Leg Blood Movement May Help Prevent Clots**

Keeping a patient “walking” during surgery may prevent the formation of death-dealing blood clots, two Canadian surgeons have suggested.

When movement in leg muscles is reduced—as during surgery—the blood pools in the legs and conditions are set for the formation of blood clots. By keeping the patient “walking” through the electrical stimulation of the leg calf muscles, this pooling is reduced. The stimulation causes the muscles to contract as they do in walking and to act as a pump, forcing the blood back to the heart. When clots form, parts of them may break off and move through the vessels, eventually blocking the artery between the heart and lungs. This condition, known as pulmonary embolism, frequently causes death.

Pulmonary embolism is now the commonest single cause of death following major surgical procedures, Drs. John and Angus D. McLachlin said in the October *Archives of Surgery*, published by the American Medical Association.

They believe that venous stasis in the legs is the prime factor in pulmonary embolism, although it

has not been definitely proved. Prevention of blood pooling would lessen the possibility of clot formation.

The physicians have used skin electrodes similar to those used in the study of the heart's electrical activity. The electrodes are placed on the legs and the closed electrical circuit produces regular contractions of the calf muscles during the operation and until the patient is conscious enough to move about.

“There seems no doubt that blood can be kept moving in the legs in this physiological manner,” they said.

Since the role of venous stasis in pulmonary embolism is not definitely proved, “Only time and an adequate number of cases will let us determine whether keeping the ‘peripheral venous heart’ active during operative procedures will lessen the frequency of pulmonary embolism,” the physicians concluded.

The authors are members of the department of surgery at the University of Western Ontario Faculty of Medicine, London, Ont.

## Hypo-Allergenic Cosmetics Meet Beauty, Health Needs

Young women with acne can now wear makeup and not aggravate their skin disorder. They can use some of the special hypo-allergenic cosmetics now on the market.

Foundation creams and lotions are useful camouflages for skin defects, yet standard brands invariably contain oil—the last thing which should be put on an oily skin.

The answer is a foundation without fatty materials, according to Mrs. Veronica Conley, secre-

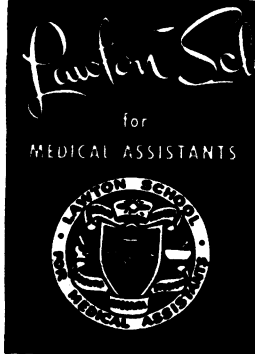
tary of the American Medical Association's Committee on Cosmetics.

Such a foundation also can contain the common drugs used to treat acne. Because they can be left on the skin day and night, this increases the effectiveness of medications, Mrs. Conley said in the October issue of *Today's Health*, an American Medical Association publication.

Some 50 items including creams, lotions, nail polishes, lipstick, hair preparations, and suntan products are now available in hypo-allergenic form. Attractively packaged and available in a wide selec-

(Continued on Page 32)

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### Survey Shows People Want To Choose Own Physician

More than three-fourths of the population of the United States want to choose their own physician. In addition, they want to assume all or part of the responsibility for paying their physician's bills.

These were among the findings in a survey conducted among a sampling of the adult general population by Opinion Research Corporation, Princeton, New Jersey, for the American Medical Association.

The purpose of the study was to explore attitudes about the choice of physicians.

The study also showed that:

—Eighty-eight per cent of the population believe the right to see the same physician is of vital importance.

—Eighty-nine per cent believe that medical care in this country has improved over the past 20 years. Half of these persons ascribe the improvement to more and better research and advances in medical science.

Seventy-six per cent of the people said they wanted to choose their own physicians; 13 per cent saw no difference in whether they or someone else chooses their physician; 8 per cent preferred to have someone else choose, and 3 per cent had no opinion.

In answer to further questioning, 93 per cent of those surveyed felt that free choice would give them more confidence in the physician; 84 per cent thought physician would take a more personal interest in them, and 79 per cent believed they would have less trouble getting the physician to make a home call.

Concerning the right to see the same physician all the time, 88 per cent felt this right to be very important. Of the 12 per cent who did not feel such continuity to be of vital importance, 8 per cent saw no difference in whether or not they saw the same physician every time, and 4 per cent gave other comments.

In answering still another set of questions, 93 per cent felt such continuity would give them more confidence in the physician; 92 per cent thought physicians would take a more personal interest in them, and 84 per cent believed they would have less trouble getting a physician to make a house call.

When queried about the main advantages of a regular physician, those interviewed gave a variety of reasons. Sixty-two per cent cited the physician's knowledge of their medical history. They said "He knows your system inside and out from dealing with you regularly; he knows what you've had."

Also mentioned by 30 per cent was reliability on emergency calls; confidence in the physician by 21 per cent, and a closer relationship between physician and patient by 18 per cent.

(Continued on Page 33)

## Physicians, Medical Societies Urged To Aid State Motor Officials

The physician in charge of special health services for the Public Health Service wants state medical societies and private physicians to lend a hand to motor vehicle directors in finding out why 40,000 Americans are killed by autos each year. Dr. A. L. Chapman told the annual meeting of the Association of State and Territorial Health Officers that while medical scientists have been successfully confining malaria and polio, relatively little has been spent in determining the basic reasons for the high annual highway toll.

"To me this is a challenge which has been inexcusably evaded by the rank and file of the public health and medical professions for several decades. The question now is what are we going to do about it?"

Dr. Chapman suggested: (1) Responsibility for advising state motor vehicle administrators on criteria that can be used to limit driving privileges of those suffering from diseases making them high risk drivers is clearly a medical responsibility. The state health department should bring the medical society and private physicians into the picture.

(2) There is a vast field of study and investigation by medical and paramedical personnel, such as effect of emotions on driving ability, personality pattern of chronic traffic violators and motivations of those who drive in an irresponsible fashion.

(3) Educational programs to get over to the driving public the effects of drugs such as antihistamines on driving ability; the effects of alcohol on reflexes and judgment, and the effect of fatigue on reaction time.

—A.M.A. Washington Letter

## Hypo-Allergenic Cosmetics Meet Beauty, Health Needs

(Continued from Page 22)

tion of fashionable colors and shades, they compare favorably in price with standard cosmetics.

In their simplest form, hypo-allergenic beauty aids may meet the need of the woman who has a slightly sensitive skin that shows vague symptoms of redness, rash or itching.

In their more complicated form, they may help women who are allergic to some particular ingredient of regular cosmetics. One of the commonest troublemakers is bromo acid dye, used to give lipstick its indelibility. Another is sulfonamide resin, an adhesive ingredient found in all ordinary nail polishes. Hypo-allergenic polishes and lipsticks omit these substances.

For most women cosmetics are no problem, but for the minority with "exceptional skin" hypo-allergenic products are a blessing, Mrs. Conley concluded. They often make possible the use of cosmetics for women who otherwise would have to do without.



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### Unusual Fingernail Condition

Wearing rubber gloves and using a detergent while scrubbing pans may damage the fingernails.

Three cases of hemorrhage under the nails of men who washed pans in a hospital kitchen were reported by Dr. Peter I. Long Jr., Dayton, Ohio.

Writing in the November 1 issue of the *Journal of the American Medical Association*, he said the primary causes of the condition appeared to be injury from scrubbing and a change in the acidity of detergent solution trapped in the gloves.

Prompt recognition of the lesions and elimination of the offending agent is necessary, he said, to prevent extensive nail bed damage.

Further study is needed to determine the exact cause of the condition, since its occurrence could have medical and legal significance if the cosmetic and functional impairment were severe.

In arriving at the cause of the condition, Dr. Long said in his preliminary report that several factors stood out. They are:

—Pan scrubbing entails a lot of hard scouring which would have a tendency to separate the nail from the nail bed, injuring the tissue.

—Only men who wore rubber gloves developed the condition, although they showed no sensitivity to rubber.

—The washing solution that became trapped in the gloves was more acid than that in the sink, possibly because perspiration became mixed with it.

Only men who had worked as pan washers for a short time developed the hemorrhages. The fact that they were not accustomed to the work may be an important factor, Dr. Long said. He does not believe that the hemorrhages resulted simply from injury to the tissue. If injury were the only cause, there would be more cases.

Dr. Long is on the staff at the Dayton Veterans Administration Center.

### Survey Shows People Want To Choose Own Physician

(Continued from Page 26)

Concerning the payment of medical bills, a total of 79 per cent wanted to assume all or part of the responsibility for paying their physician bills either by direct payment or by paying part of insurance premiums.

The 79 per cent breaks down into the following: 16 per cent for paying all physician bills directly; 16 per cent for paying all costs of insurance plans, and 47 per cent for paying part of the cost of an insurance plan. The remaining 21 per cent favored someone else's paying the bills.

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### **Civil Aeronautics Board Proposes To Permit Emergency Medical Stops on Airlines**

A change in commercial flight regulations to permit airlines to make unscheduled stops in order to provide transportation for persons in need of emergency medical treatment is being proposed by the Civil Aeronautics Board. Present rules prohibit certain carriers from engaging in local air transportation between certain points on their routes, which is known as the "closed door" policy. Civil Aeronautics Board recently heard of a case where a line operating under the policy was prevented from supplying air transportation to a person in need of emergency medical treatment.

Civil Aeronautics Board, in its notice of proposed rule making in the Federal Register, comments: "Under such circumstances, a closed door restriction operates contrary to the public interest, and if requested, would undoubtedly warrant the board's granting relief from such restrictions in each individual case. . . . Accordingly, the board deems it appropriate to exempt by regulation those air carriers operating under a certificate containing a "closed door" restriction from the provisions of such restriction to the extent necessary to permit them to provide local air transportation to persons in need of emergency medical treatment." A physician would have to certify the need.

—A.M.A. Washington Letter

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### **Physician Develops New Bandage Scissors**

Cutting away a tight bandage has become painless with the development of a new bandage scissors.

Developed by Dr. Preston J. Burnham, a Salt Lake City surgeon, the new scissors slip easily and painlessly beneath tight bandages.

They lack the large acorn-shaped protuberance found on the lower blade of standard bandage scissors, Dr. Burnham said in the October 11 issue of the *Journal of the American Medical Association*.

The lower blade comes to a smooth, rounded point only slightly longer than the upper blade. This allows cutting with the full length of both blades.

The acorn-tipped scissors had to be pushed far under the bandage before cutting could be done, since the acorn tip was blunt. Pushing the scissors between a snugly wrapped bandage and broken bone reminded one, Dr. Burnham said, "of an ancient method of torture in which wedges were pounded beneath wrist gyves to crush the wrists."

The new scissors' short cutting action goes through the toughest dressings without binding, and the point on the lower blade does not catch in the skin or the dressing.

(The scissors are manufactured by J. Sklar Manufacturing Co., 38-04 Woodside Ave., Long Island City, New York.

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### **Coding System Identifies Drugs**

A coding system which will aid in the identification of drugs by reference to their physical characteristics is being developed by the American Medical Association.

The identification system relies solely on such characteristics as size, shape, color, scoring, and similar features of tablets and capsules, according to an announcement in the October 20 *AMA News*.

Through its use, physicians, attendants in hospital emergency rooms and poison control centers, law officers, pharmacists, and medical examiners will be able to narrow down a drug's identity to a relatively few products in a short time. Then chemical tests can be made to confirm the identity of the drug.

The new process is the result of several months study of 500 tablets and capsules by John J. Hefferren, Ph.D., of the American Medical Association chemical laboratory.

The project was launched because the chemists have been asked frequently to identify quickly vari-

ous tablets and capsules, and the only way in many cases was by chemical analysis—often a long-drawn-out process.

Under the new system, an investigator first notes all the physical characteristics of the unknown drug by means of a reference chart. He then consults a long list of tables which are classified as to types of drugs listed. When he finds a given set of characteristics describing the unknown drug, he makes chemical tests which will permit further differentiation and final identification.

In some instances—when letters or designs appear on the drug—immediate identification can be made.

Dr. Hefferren is gathering thousands of drug samples which will be defined, described, measured, and classified.

It is hoped that a text, listing about 5,000 products, can be published in about a year. It will later be expanded to include many more products and be kept up to date by supplements and new editions.



## Public Campaign for Polio Vaccinations To Resume This Winter

The Public Health Service has decided to resume the public educational program aimed at getting more people inoculated with the Salk poliomyelitis vaccine. The reason is that the drive of last winter and spring has fallen short of expectations. In the words of Secretary Flemming, "... we have not made nearly the progress we could and should have made during the year—a year in which for the first time there was no shortage of vaccine at any time in any area."

Upshot is that Advertising Council will again carry out a promotion campaign, with the cooperation of the American Medical Association, the National Foundation, state and local health departments and private groups.

Surgeon General Burney of Public Health Service made a report on the 1958 polio season with these highlights:

Of the population under age 40, about 53 per cent has not had the basic three injections, and over a third has had no vaccine at all. There were 1,815 cases of paralytic polio during the first nine months of the year, 258 more than in the same period of 1957.

Cited as a disturbing factor was that in six states (Michigan, New Jersey, Virginia, Texas, West Vir-

ginia and California) the majority of paralytic cases, 416 out of 781, were among children under five. Of these 416, four out of five had had no vaccine.

There is mounting evidence that incidence of polio is increasing in lower socio-economic groups. Mr. Flemming blames this on apathy, not any "insurmountable financial obstacles." He pointed out funds were available from a number of sources and that the AMA has encouraged state and local societies to organize community clinics and provide vaccinations at minimal cost.

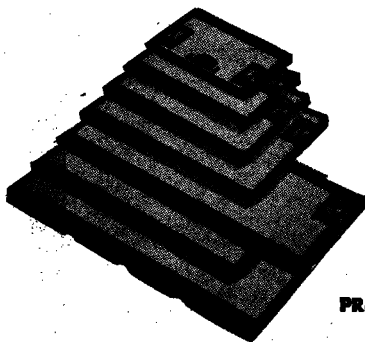
The increase in the number of paralytic cases is no reflection on the efficacy of the vaccine. During the 3½ years of use, effectiveness rate has held at between 60 and 90 per cent. Nor is there any evidence that properly vaccinated persons are losing their immunity.

Both Mr. Flemming and Dr. Burney expressed doubts over the need for any compulsory program of vaccinations for polio.

—A.M.A. Washington Letter

Unique electron microscope photographs taken at the University of California Medical School, Los Angeles, show that the individual heart cell functions like a miniature accordion.—U. C. Clip Sheet, Vol. 34, No. 8.

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## Six-Ounce Heart Monitor

A tiny device that can be set on a surgical patient's arm and gives off a "beep" if his heart is functioning normally was recently described.

Cardiac monitors are used to warn surgeons and anesthesiologists when the heart ceases to function properly. If the heart stops, it frequently can be started again through the use of heart massage and electric shock, but these must be done instantaneously.

The new monitor, weighing only six ounces, records the heart's electrical activity, the "most accurate index" of its function, according to Dr.

William F. Veling, Detroit, who in the October 11 issue of the *Journal of the American Medical Association* said the miniature monitor has many advantages over the standard larger machines.

A self-contained unit powered by batteries, it needs no long complicated electrical wiring and its audible "beep" overcomes the disadvantage of the older machines which need constant visual attention. "It enlists the attention of the entire operating room team but frees their eyes and hands for other duties," stated Dr. Veling.

Another possible use for the device is that of

(Continued on Page 48)

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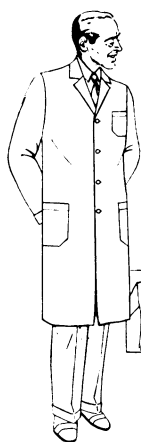
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## Six-Ounce Heart Monitor

(Continued from Page 44)

monitoring the hearts of critically ill patients, especially those with heart disease, he said. Because it is small, relatively inexpensive, and easily stored, a hospital could keep a number on hand for use in patients' rooms.

In conclusion, Dr. Veling said, "Small, reliable, rugged and easy to operate and maintain, a miniature cardiac monitor with its reassuring 'beep' could become as commonplace as the stethoscope in the operating room."

## Illness Is Not Only Cause Of Sickness Absence

So-called "sickness" absence from work is not necessarily the result of disease or injury.

It may be that the worker is not willing to be there and uses illness as an excuse.

A worker must be both "willing and able" to be on the job. If one of these conditions is not satisfied, he will be absent.

Work absence cannot be eliminated, but it can be cut down. Some of the ways in which this can be done are suggested in a special article in the

(Continued on Page 57)

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*Professional inquiries should be addressed to Keith A. Seaton, Registrar, Devereux Schools in California, Santa Barbara, California; eastern residents address Charles J. Fowler, Registrar, Devereux Schools, Devon, Pennsylvania.*

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## 35,000 Physicians Take Graduate Training

More than 35,000 physicians last year took graduate medical training in 1,400 American hospitals, according to the 32nd annual report on graduate medical education prepared by the American Medical Association's Council on Medical Education and Hospitals. The number of medical school graduates taking further training continued to increase in 1957-58.

There were 10,198 graduates serving internships in 1957-58, an increase of 305 over 1956-57, while 24,976 were serving residencies, an increase of 1,964 over the preceding year. The number of hospitals offering training increased from 1,372 to 1,400.

The annual report and an accompanying directory of approved internships and residencies serves two groups of individuals, according to an editorial in the October 4 issue of the *Journal of the American Medical Association*, in which the report appears.

"It is useful to the recent graduate in medicine who is planning his further graduate training program," the editorial said. "It is of equal or greater use to training program directors and medical administrators dealing with broad aspects of graduate training and concerned with program trends and planning for the future."

Of the available internship positions, only 17 per cent remained unfilled. Eighteen per cent of the residency positions were not filled, the report said. Many internship positions are filled by graduates of foreign medical schools.

The report also showed:

—The average number of intern positions for each hospital has increased during the past 10 years from 11.3 to 14.2.

—Rotating internships, which must include training on the medical, surgical, pediatric and obstetric services, accounted for 87.6 per cent of the internships offered. The others were either straight internships in one field or mixed in two or three fields.

—Church and nonprofit incorporated hospitals offered 78.9 per cent of the available internships; federal hospitals, 4.7 per cent; nonfederal governmental, 15.3 per cent, and proprietary (private), 1 per cent.

—The federal hospitals had the highest rate of occupancy, with the Navy and United States Public Health Service hospitals having no vacancies.

—Hospitals in the United States territories and possessions and those in New England showed the highest rate of occupancy—88 per cent. The region having the lowest rate was the East South Central with 75 per cent.

—States with an occupancy rate of 90 per cent or above were New Hampshire, District of Columbia,

(Continued in Back Advertising Section, Page 64)

# BOOKS RECEIVED

*Books received by CALIFORNIA MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interests of readers as space permits.*

**BREAST CANCER**—The Second Biennial Louisiana Cancer Conference, New Orleans, January 22-23, 1958—Edited by Albert Segaloff, M.D., Director of Endocrine Research, Alton Ochsner Medical Foundation; Associate Professor of Clinical Medicine, Tulane University School of Medicine. Sponsored by the American Cancer Society, Louisiana Division, Inc. The C. V. Mosby Company, St. Louis, 1958. 257 pages, \$5.00.

**CALLANDER'S SURGICAL ANATOMY**—Fourth Edition—Barry J. Anson, M.A., Ph.D. (Med. Sc.); Chairman, Department of Anatomy, and Robert Laughlin Rea, Professor, Northwestern University Medical School, and Member of the Staff, Passavant Memorial Hospital; and Walter G. Maddock, M.S., M.D., F.A.C.S.; Edward S. Elcock, Professor of Surgery, Northwestern University Medical School, and Chairman of the Department of Surgery, Chicago Wesley Memorial Hospital. W. B. Saunders Company, Philadelphia, 1958. 1157 pages, \$21.00.

**CARE OF THE GERIATRIC PATIENT, THE**—E. V. Cowdry, Ph.D., Sc.D. (Hon.); Director of Wernse Cancer Research Laboratory, Washington University School of Medicine; formerly President of the Gerontological Society and of the Second International Gerontological Congress; Chairman of the Medical and Scientific Committee, American Society for the Aged, Inc. The C. V. Mosby Company, St. Louis, 1958. 438 pages, \$8.00.

**DIFFICULT DIAGNOSIS—A Guide to the Interpretation of Obscure Illness**—H. J. Roberts, M.D., Diplomate of the American Board of Internal Medicine; Fellow of the American College of Chest Physicians; Associate of the American College of Physicians; Staff, Good Samaritan Hospital and St. Mary's Hospital, West Palm Beach, Florida; Formerly, Research Fellow and Instructor in Medicine, Tufts University Medical School; Formerly, Research Fellow and Instructor in Medicine, Georgetown Medical School. W. B. Saunders Company, Philadelphia, 1958. 913 pages, \$19.00.

**DOCTOR BUSINESS, THE**—Richard Carter. Publicity Department, Doubleday & Company, Inc., 575 Madison Avenue, New York 22, New York, 1958. 283 pages, \$4.00.

**ELECTROLYTE CHANGES IN SURGERY**—Kathleen E. Roberts, M.D.; Assistant Chief of Medicine, United States Public Health Service Hospital; Assistant Professor of Medicine, Stanford University College of Medicine, San Francisco, California; Formerly, Assistant Professor of Medicine, Cornell University College of Medicine; Parker Vanamee, M.D., Assistant Attending Physician, Memorial Hospital for Cancer and Allied Diseases; Assistant Professor of Medicine, Cornell University College of Medicine; and J. William Poppell, M.D.; Chief, Section of Cardio-Pulmonary Physiology and Associate, Sloan-Kettering Institute for Cancer Research; and Assistant Attending Physician, Memorial Hospital for Cancer and Allied Diseases. Charles C. Thomas, Springfield, Illinois, 1958. 113 pages, \$4.50.

**EMERGENCY WAR SURGERY**—U. S. Armed Forces issue of NATO Handbook, Prepared for Use by the Medical Services of Nato Nations—Prepared under the sponsorship of the Assistant Secretary of Defense (Health and Medical) Frank B. Berry, M. D. Printed by the United States Government Printing Office, Washington, D. C., 1958. Sold by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. 411 pages, \$2.25.

**EPILEPSY**—Manfred Sakel, M.D. With a Preface by Otto Peotzl, Professor Emeritus, University and Clinic of Vienna. Philosophical Library, New York, 1958. 204 pages, \$5.00.

**HEREDITY OF THE BLOOD GROUPS**—Alexander S. Wiener, A.B., M.D., F.A.C.P., F.C.A.P.; Senior Bacteriologist (Serology) to the Office of the Chief Medical Examiner

of New York City; Assistant Professor, Department of Forensic Medicine, New York University Postgraduate Medical School; Attending Immunohematologist, Jewish and Adelphi Hospitals, Brooklyn; and Irving B. Wexler, A.B., M.D., F.A.C.P., Associate Pediatrician, Jewish Hospital of Brooklyn; Associate Immunohematologist, Jewish and Adelphi Hospitals, Brooklyn; Assistant Clinical Professor of Pediatrics, State University of New York, College of Medicine at New York City. Grune & Stratton, New York, 1958. 150 pages, \$6.00.

**MEDICAL DEPARTMENT, UNITED STATES ARMY—Cold Injury, Ground Type in World War II**—Colonel Tom F. Wayne, MC, USA (Ret.); Professor of Preventive Medicine, School of Medicine, University of Pennsylvania, Philadelphia, Pa., and Michael E. DeBakey, M.D.; Professor of Surgery and Chairman of the Department, Baylor University College of Medicine, Houston Tex.; formerly Colonel, MC., AUS. Prepared under the direction of Major General S. B. Hays, The Surgeon General, United States Army; Editor in Chief Colonel John Boyd Coates, Jr., MC; and Associate Editor Elizabeth M. McFetridge, M.A. Office of the Surgeon General, Department of the Army, Washington, D. C., 1958. U. S. Government Printing Office, Washington 25, D. C. 570 pages, \$6.25.

**MEN, MOLDS, AND HISTORY**—Felix Marti-Ibanez, M.D.; Professor and Director of the Department of the History of Medicine, New York Medical College, Flower and Fifth Avenue Hospitals, New York, N. Y.; Editor-in-Chief of MD Medical Newsmagazine. M.D. Publications, Inc., 30 East 60th Street, New York 22, N. Y., 1958. 114 pages, \$3.00.

**MYASTHENIA GRAVIS**—Kermit E. Osserman, M.D., F.A.C.P.; Physician-in-Charge, Myasthenia Gravis Clinic, The Mount Sinai Hospital, New York; Assistant Attending Physician, The Mount Sinai Hospital. Grune & Stratton, New York, 1958. 286 pages, \$10.00.

**PEDIATRIC METHODS AND STANDARDS**—Department of Pediatrics, School of Medicine, University of Pennsylvania. Editor, Fred H. Harvie, M.D., Associate Professor of Clinical Pediatrics. Third Edition. Lea & Febiger, Philadelphia, 1958. 324 pages, \$4.50.

**POISONING—A Guide to Clinical Diagnosis and Treatment—Second Edition**—W. F. von Oettingen, M.D., Ph.D., National Institutes of Health, U. S. Public Health Service; and U. S. Department of Health, Education and Welfare. W. B. Saunders Company, 1958. 627 pages, \$12.50.

**SCHIZOPHRENIA**—Manfred Sakel, M.D. Foreword by Prof. Hans Hoff, Head, Department of Neurology & Psychiatry, University of Vienna. Philosophical Library, New York, 1958. 335 pages, \$5.00.

**SO YOU HAVE GLAUCOMA**—Everett R. Veirs, M.D., Chief of the Section of Ophthalmology for the Scott and White Clinic, Scott and White Memorial Hospitals, and Scott, Sherwood and Brindley Foundation, Temple, Texas; and a lecturer in Ophthalmology at The University of Texas Postgraduate School of Medicine, Temple Division. Grune & Stratton, New York, 1958. 64 pages, \$2.75.

**TECHNIC AND PRACTICE OF PSYCHOANALYSIS**—Leon J. Saul, M.D., Professor of Clinical Psychiatry, Medical School of the University of Pennsylvania; Training Analyst, Philadelphia Psychoanalytic Institute; Psychiatric Consultant, Swarthmore College. J. B. Lippincott Company, Philadelphia, Pennsylvania, 1958. 244 pages, \$8.00.

**THERAPEUTIC EXERCISE**—Edited by Sidney Licht, M.D., Honorary Member, British Association of Physical Medicine, Danish Society of Physical Medicine, and the French National Society of Physical Medicine. Elizabeth Licht, publisher, 360 Fountain Street, New Haven, Conn., 1958. 893 pages, \$16.

**TUMORS AND TUMOROUS CONDITIONS OF THE BONES AND JOINTS**—Henry L. Jaffee, M.D., Director of Laboratories and Pathologist, Hospital for Joint Diseases, New York, N. Y.; Consultant, Armed Forces Institute of Pathology, Washington, D. C. Lea & Febiger, Philadelphia 6, Pa., 1958. 629 pages, 701 illustrations on 194 figures, \$18.50.

**WATER AND ELECTROLYTE METABOLISM IN RELATION TO AGE AND SEX**—Ciba Foundation Colloquia on Aging—Volume 4—G. E. W. Wolstenholme, O.B.E., M.A., M.B., B.Ch., and Maeve O'Connor, B.A., Editors for the Ciba Foundation. Little, Brown and Company, Boston, 1958. 327 pages, with 85 illustrations, \$8.50.

## Illness Is Not Only Cause Of Sickness Absence

(Continued from Page 48)

October 25 issue of the *Journal of the American Medical Association*.

The first step is to understand the real reasons for absence; there are some 14 factors which are related to or influence it.

The first two are physical and emotional health, the only two that are strictly within the realm of the physician. Yet industrial and family physicians must understand and deal with the others.

Among them are the worker's adjustment to his job as it is influenced by a number of factors, including his education and training and his assignment to the proper job.

Others include the worker's reactions to his supervisor, his associates on the job, his family and friends. The physical environment of the work and the economic aspects of the job also affect the worker's presence or absence.

One study showed that only 35 per cent of persons with more than four absences in a six-month period felt they had enough responsibility, while 65 per cent of those with only one absence felt they had enough.

This illustrates the correlation between employee attitudes about their jobs and their attendance on the job, the article said. This kind of relationship

also holds true for other factors such as whether the worker feels free to discuss personal problems with his supervisor; feels that he is a member of the group; feels that the company is using his skills to his best advantage, and feels that he has a chance of promotion.

"One step toward understanding, predicting, and coping with absence lies in discovering such associations," the article noted.

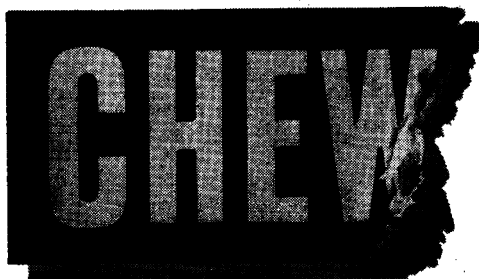
A program of counseling and preventive medicine must be set up by the industrial medical service.

Actually the function of the medical department is a dual one, the article said. It must work toward obtaining a low "illness rate" for organic and serious mental illness, and it must help management reduce the "absence rate" that is due to reasons other than organic illness.

Probably 90 per cent of time lost is on account of non-occupational disease and injury, which is treated by a family physician. Therefore, the family physician must understand the elements of work absence and establish a close working relationship with industrial physicians.

The article, prepared by the Committee on Medical Care of the Industrial Worker of the American Medical Association Councils on Industrial Health and Medical Service, is a compilation of quotations from various sources on different aspects of the work absence problem.

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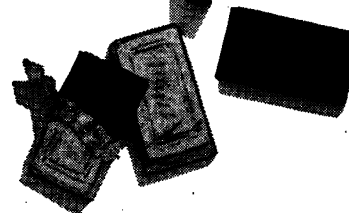
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# M E D I C I N E

OFFICIAL JOURNAL OF THE CALIFORNIA MEDICAL ASSOCIATION

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Volume 89

DECEMBER 1958

Number 6

## The Spirochete and Multiple Sclerosis

HENRY W. NEWMAN, M.D., CAROLA PURDY, M.D.,  
LOWELL RANTZ, M.D., and F.C. HILL, JR., M.D., San Francisco

IN SPITE of the concerted efforts of many researchers in the field of multiple sclerosis, the cause of this common neurological disease remains obscure. Among the great variety of agents suspected at one time or another of being the causative factor, a living organism bearing a resemblance to a spirochete has been implicated by a number of workers. In 1921 Speer<sup>3</sup> made a darkfield preparation by wiping the surface of a plaque from fresh autopsy material with a sterile loop and saw motile spiral organisms. A few years later Schroeder<sup>2</sup> reported finding black spiral fibrils, stained by the silver method of Levaditi, in lesions of two patients dying of the disease; he was unable, however, to find any spirochetes in another patient with multiple sclerosis nor in ten controls free of the disease, and noted that, in the absence of culture and transmission, Koch's postulates were not fulfilled. Steiner<sup>4</sup> maintained his enthusiasm for the spirochete as the cause of multiple sclerosis longer than most investigators, but no convincing demonstration of production of nervous system disease by the organisms said to have been isolated from human lesions was ever presented.

After a considerable period in which interest in this field had lagged, Ichelson<sup>1</sup> in 1957 reported striking results in the culture of a spirochete-like organism in an anaerobic medium. These organisms

• Cultures on anaerobic medium were made of the spinal fluids of 27 patients with multiple sclerosis and 13 controls after the method described recently by Ichelson. Where Ichelson found organisms resembling spirochetes in 78 per cent of patients with multiple sclerosis, we found some form of what appeared to be a living micro-organism in 18.5 per cent. The control fluids were all sterile. The work requires confirmation and amplification.

grew on cultures of spinal fluid in 78 per cent of 76 cases of patients with multiple sclerosis; they did not grow on cultures of spinal fluid from 28 persons who did not have the disease. The illustration of the organism in that report, a silver stained specimen, showed rather tightly coiled spirals looking much like the spirochete of syphilis. The organisms previously described by other workers, as observed in fresh preparations, had shown a variety of forms, some spiral, others more like spermatozoa or a tennis racket. Ichelson's most interesting report encouraged us to try to repeat the work, following as closely as possible the details of procedure as set down in the communication.

### METHOD

The medium was prepared exactly as described by Ichelson,<sup>1</sup> the same brand of materials being used where brands were specified. Difficulty was encountered in filtering the medium through a Selas filter, which became plugged after approximately 30 cc.

From the Division of Neurology and the Laboratory of Bacteriology, Department of Medicine, Stanford University School of Medicine, San Francisco, California.

Presented before the Section on Neurology and Psychiatry at the 87th Annual Session of the California Medical Association, Los Angeles, April 27 to 30, 1958.

## EDITORIAL

### Physicians and Politics

CALIFORNIA, and the entire nation, last month witnessed a general election which has caused many physicians, among others, to reconsider their own political and social points of view.

Over the Republican protest that a "New Deal" was again trying to establish itself in the state and the nation, the Democratic party proceeded to elect its members into majority positions in both state and federal legislative bodies.

Whether or not the give-away philosophy which so many medical men decry will prevail, time alone can tell. It is obvious in our own state that financial stringency will be bound to intrude into any programs of public generosity which must be financed out of new sources of taxation.

Regardless of the outcome of the voting, this would appear to be a good occasion for reminding the physicians of this great commonwealth of their privileges, responsibilities and limitations in political campaigns—as individuals and, in some regards, as members of a medical association.

First of all, the California Medical Association is a non-partisan, non-political body. Its membership includes adherents of all recognized political parties. The practice of medicine is not one of political partisanship.

Second, the right of all individuals to express their personal political opinions is recognized by the Constitution of the United States in the guarantee to all citizens of the right of free speech.

The right to communicate with public officials is reserved to all citizens under the state and federal constitutional provisions guaranteeing the right to petition. Under this right any citizen has the privilege of requesting his legislative representatives to vote one way or the other on any legislative proposal.

Under these constitutional guarantees, all physicians, as well as their neighbors, are given ample opportunity to voice their opinions to their duly elected representatives in the state or federal legislative bodies.

On the opposite side of the coin, citizens are definitely bound by laws as to what they may not do in legislative matters. They may not attempt to pledge a candidate for office as to his vote for or against a specific piece of legislation. They may not bribe, or attempt by menace, deceit, suppression of truth, or any corrupt means to influence the vote of an elected official for or against a specific proposal. They may not, by coercion or similar means, assume the position of counting in advance a vote for or against a particular legislative measure.

The California Medical Association has long been aware of both the privileges and prohibitions of citizenship and of organizations of citizens. The Association has held itself aloof from party, from candidates and from all ballot propositions which do not directly affect the public health or the practice of medicine.

The Association has long recognized the difference between proposals which appeal to physicians as citizens and those which concern them as guardians of the public health. A stand may be taken by the Association only on proposals of the latter kind and only as they affect all physicians on an equal basis, not as party members or proponents or opponents of a specific issue.

The California Medical Association, like other professional associations, maintains within itself a system of government by which it arrives at the position the Association will take officially.

A Committee on Legislation functions throughout the year as a key committee under the Commission on Public Policy. This committee, in turn, works very closely with the Public Health League of Cali-



# California MEDICAL ASSOCIATION

## NOTICES & REPORTS

### Council Meeting Minutes

*Tentative Draft: Minutes of the 441st Meeting of the Council, San Francisco, Mark Hopkins Hotel, October 11, 1958.*

The meeting was called to order by Chairman Lum in the Mark Hopkins Hotel, San Francisco, on Saturday, October 11, 1958, at 9:30 a.m.

#### Roll Call:

Present were President West, President-Elect Reynolds, Speaker Doyle, Vice-Speaker Heron and Councilors MacLaggan, Todd, O'Neill, Kirchner, O'Connor, Davis, Sherman, Lum, Bostick and Teall. Absent for cause, secretary Daniels, editor Wilbur and Councilors Wheeler, Foster, Shaw, Pearman and Harrington.

A quorum present and acting.

Present by invitation were Messrs. Hunton, Clancy, Gillette, Collins, Marvin and Whelan of CMA staff; Messrs. Hassard and Huber of legal counsel; Messrs. Read and Salisbury of the Public Health League of California; county society executives Scheuber of Alameda-Contra Costa, Jensen of Fresno, Geisert of Kern, Field and Rosenow of Los Angeles, Foster of Sacramento, Donmyer of San Bernardino, Nute of San Diego, Neick of San Francisco, Thompson of San Joaquin, Donovan of Santa Clara and Dermott of Sonoma; Doctor Malcolm Merrill, State Director of Public Health; Doctor Marshall Porter, State Director of Mental Hygiene; Doctor John Keye of the State Department of Social Welfare; Doctor A. E. Larsen and Mr. Richard Lyon of California Physicians' Service; and Doctors Donald Cass, Wayne Pollock, Roberta Fenlon, Edgar Wayburn, Allen T. Hinman, Malcolm S. Watts and Ralph Gampell.

#### 1. Minutes for Approval:

On motion duly made and seconded, minutes of the 440th meeting of the Council, held September 14, 1958, were amended and approved.

#### 2. Membership:

(a) A report of membership as of October 9, 1958, was presented and ordered filed.

(b) On motion duly made and seconded in each instance, nine applicants were voted associate membership. These were: Seymour Dayton, Lucien B. Guze, Joseph K. Indenbaum, Sherwood Perry Miller, Robert A. Nordyke, Theodore Shohl, Charles E. Townsend, Glenn Allan Young, Los Angeles County; Lowell Emmons, San Joaquin County.

(c) On motion duly made and seconded in each instance, seven applicants were voted Retired Membership. These were: Miriam Pool Huff, Alameda-Contra Costa; W. G. Milholland, Fresno County; J. Tracy Bennett, Carl R. Howson, Vahan Pampaian, Ian D. Tiedemann, Los Angeles County; R. W. Homer, Ventura County.

(d) On motion duly made and seconded in each instance, ten members were granted reductions of dues because of illness or postgraduate study.

#### 3. Financial:

(a) A report of bank balances as of October 9, 1958, was presented and ordered filed.

(b) On motion duly made and seconded, it was voted to sell, at cost, to the Trustees of the California Medical Association, a non-profit corporation, a note held by the Association, issued by a blood bank.

#### 4. State Department of Public Health:

Doctor Malcolm Merrill reported on a conference held with the Conference of Local Health Officers, at which considerable time was spent on a discus-

FRANCIS E. WEST, M.D. . . . . President  
T. ERIC REYNOLDS, M.D. . . . . President-Elect  
JAMES C. DOYLE, M.D. . . . . Speaker  
J. NORMAN O'NEILL, M.D. . . . . Vice-Speaker  
DONALD D. LUM, M.D. . . . . Council Chairman  
ALBERT C. DANIELS, M.D. . . . . Secretary-Treasurer  
IVAN C. HERON, M.D. . . . . Chairman, Executive Committee  
DWIGHT L. WILBUR, M.D. . . . . Editor  
JOHN HUNTON . . . . . Executive Secretary  
General Office, 450 Sutter Street, San Francisco 8

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1959

*Annual Session*

SAN FRANCISCO • FEBRUARY 22-25

- ★ General Scientific Meetings • Postgraduate Courses  
Technical Exhibits • Scientific Exhibits
  
- ★ Medical Motion Pictures
  
- ★ President's Dinner Dance  
Tuesday, February 24 • Garden Court, Sheraton-Palace Hotel
  
- ★ House of Delegates  
Sunday, February 22 • Wednesday, February 25
  
- ★ Registration Daily  
8:30 a.m. to 5:30 p.m. . . . No Registration Fee

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# APPLICATION FOR HOUSING ACCOMMODATIONS

FOR YOUR CONVENIENCE in making hotel reservations for the coming meeting of the **California Medical Association**, February 22 to 25, 1959, San Francisco, hotels and their rates are at the right. Use the form at the bottom of this page, indicating your first and second choice. Because of the limited number of single rooms available, your chance of securing accommodations of your choice will be better if your request calls for rooms to be occupied by two or more persons. **All requests for reservations must give definite date and hour of arrival as well as definite date and approximate hour of departure; also names and addresses of all occupants of hotel rooms must be included.**

**ALL RESERVATIONS MUST BE  
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*Note: The House of Delegates will convene at the Sheraton-Palace Hotel; all Scientific Sessions and Exhibits will be at the Civic Auditorium.*

**CALIFORNIA MEDICAL ASSOCIATION**  
450 Sutter Street—Room 2000  
San Francisco 8, California

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## Eighty-eighth Annual Session CALIFORNIA MEDICAL ASSOCIATION San Francisco, California FEBRUARY 22-25, 1959

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\*The above quoted rates are existing rates but are subject to any change which may be made in the future.

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(Or.)—Original Article; (Ed.)—Editorial; (CMA)—California Medical Association; (CR)—Case Report; (I)—Information; (LE)—Letters to the Editor; (MJ)—Medical Jurisprudence.

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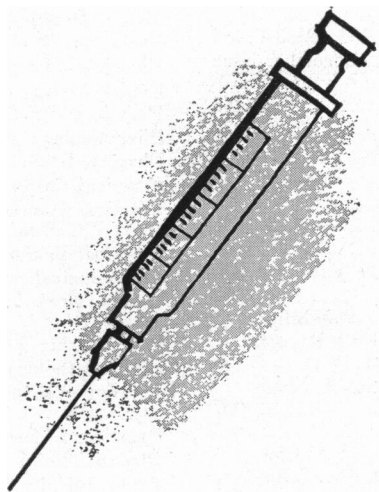
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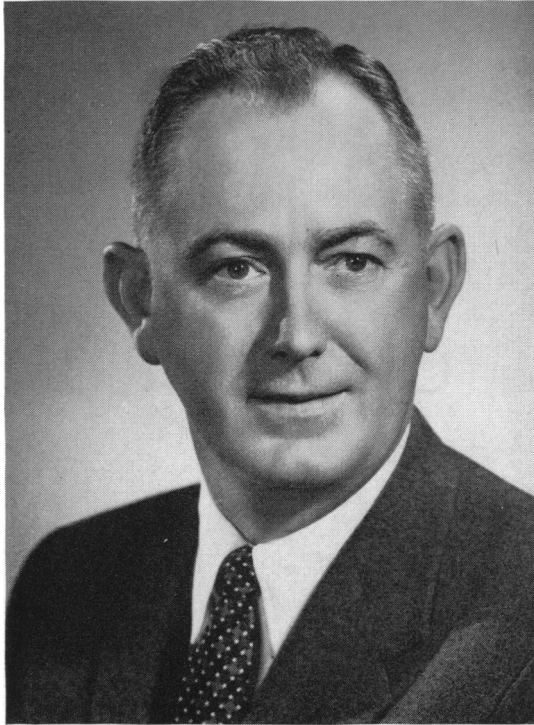
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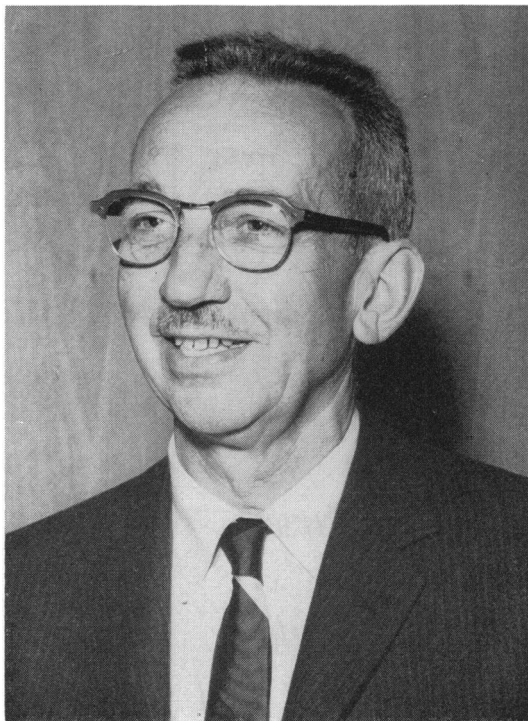
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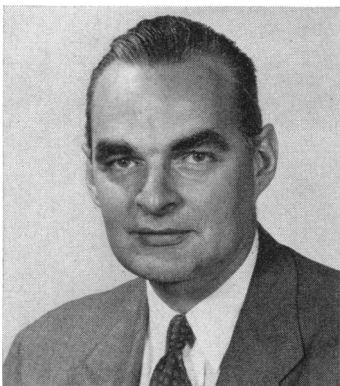
## **Guest Speakers**



**EDWIN B. ASTWOOD**



**C. ROLLINS HANLON**



**DONALD L. McRAE**



**WILLIAM WALLACE SCOTT**

## **Guest Speakers**

EDWIN B. ASTWOOD, M.D., Boston, Massachusetts—Professor of Medicine, Tufts College Medical School.

C. ROLLINS HANLON, M.D., St. Louis, Missouri—Professor of Surgery and Director of the Department of Surgery, St. Louis University School of Medicine.

DONALD L. McRAE, M.D., Montreal, Quebec, Canada—Associate Professor of Radiology, McGill University, and Director of Radiology, the Montreal Neurological Institute.

WILLIAM WALLACE SCOTT, M.D., Baltimore, Maryland—Professor and Head of the the Department of Urology, Brady Urological Institute, Johns Hopkins University School of Medicine.

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## **SPECIAL GUESTS OF SECTIONS**

WARFIELD GARSON, M.D., Chapel Hill, North Carolina—Venereal Disease Experimental Laboratory, U. S. Public Health Service.

ARTHUR JONES, M.D., Portland, Oregon—President, American Congress of Physical Medicine and Rehabilitation.



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## QUALIFICATIONS/REQUIREMENTS FOR REGISTRATION

(a) All M.D.'s with credentials showing that they hold valid license to practice medicine. (Membership card in C.M.A.; county medical society/association or A.M.A. membership card.)

(b) Medical students will be admitted upon presentation of credentials from their medical schools identifying them as medical students. (A membership card of the Student American Medical Association or letter from their dean's office.)

(c) Medical secretaries will be admitted upon presentation of a letter from the physician employer.

(d) Pharmacist mates and other military personnel of a like grade will be admitted upon presentation of a letter requesting their admittance, written by their commanding officer.

(e) Dentists (D.D.S.), doctors of veterinary medicine (D.V.M.), registered nurses (R.N.), student nurses, x-ray technicians, laboratory technicians, dietitians, allied public health personnel, and others will be admitted provided they have proper identification.

(f) *All questions on admission will be passed upon by a member of the Committee on Registration who will be present at the desk.*

SCIENTIFIC SESSIONS						
LOCATION	SUNDAY FEBRUARY 22 A.M. P.M.		MONDAY FEBRUARY 23 A.M. P.M.		TUESDAY FEBRUARY 24 A.M. P.M.	
SHERATON-PALACE	9:30 a.m. House of Delegates				9:30 a.m. House of Delegates	
Concert Room	Evening—8 to 10 p.m. Medical Motion Pictures		Evenings—7:30 to 10 p.m. Medical Motion Pictures		Evenings—8 to 10 p.m. Medical Motion Pictures	
CIVIC AUDITORIUM	9 a.m. Film Symposium Proctology	2 p.m. Film Symposium Obstetrics Gynecology	9 a.m. Film Symposium Hypertension		9 a.m. Film Symposium Emergencies in Medicine	2 p.m. Film Symposium Dermatology
	Larkin Hall					9 a.m. Film Symposium Cardiology
Polk Hall	9 a.m. Dermatology and Syphilology			2 p.m. General Meeting — Upper GI Bleeding	12 NOON TOUR Atomic Energy Plant and Laboratory, Vallecitos (See note below on where to gather for buses)	9 a.m. Pediatics
						2 p.m. Obstetrics and Gynecology Pediatics
Room 301	9 a.m. Eye Internal Medicine				VISIT TECHNICAL EXHIBITS	
Room 402	9 a.m. General Surgery	2 p.m. Eye				2 p.m. Anesthesiology
Room 403	9 a.m. Radiology	2 p.m. Radiology				2 p.m. Public Health
Room 404	9 a.m. Industrial Medicine and Surgery	2 p.m. Allergy	9 a.m. Industrial Medicine and Surgery Physical Medicine		9 a.m. Internal Medicine	9 a.m. Urology
	9 a.m. Orthopedics Pathology	2 p.m. Orthopedics	9 a.m. Ear, Nose and Throat			2 p.m. Urology
Room 405					9 a.m. Obstetrics and Gynecology	
<b>NOTE:</b> Vallecitos Atomic Energy Plant and Laboratory Tour Buses leave from Main Entrance, Civic Auditorium; fee \$5, including lunch. For program, see page 16. Postgraduate Courses, Saturday, Sunday, Monday, and Tuesday. For locations, times, subjects and fees, see pages 12 to 15. Council of the CMA meets daily at 7:30 a.m. in the California Room, Sheraton-Palace Hotel. Reference Committees: Monday and Tuesday.						

## Information

**BADGES.** It is important that badges be worn at all times. Admission to scientific meetings is by badge only.

**COUNCIL.** First meeting of the Council will be held Saturday, February 21, 9:30 a.m., in the French Parlor, Sheraton-Palace Hotel. Further meetings will be held each morning at 7:30 a.m. in the California Room.

**HOUSE OF DELEGATES.** For meeting times, places and agenda, see pages 43 to 45.

**EMERGENCY CALLS AND MESSAGES.** Each physician should notify his own secretary regarding the *exact* section he plans to attend and the time of his attendance. It is up to the individual physician to keep his own office staff so informed. The Association will *attempt* to transmit messages to the individual physician.

In case of emergency, when the doctor cannot be located, the call will be referred to Emergency Call Service of the local county medical societies.

**POSTGRADUATE COURSES.** For program, meeting times and places, and fees, see pages 12 to 15.

**EXHIBITS.** Technical Exhibits—Main Arena, Civic Auditorium.

Scientific Exhibits—Main Arena, Civic Auditorium. See list on page 41.

Medical Motion Pictures—Daily, Room 301, Civic Auditorium; Evenings, Comstock Room, Sheraton-Palace Hotel. For program, see pages 37 to 40.

You are urged to visit and attend all exhibits.

**MEETING TIMES AND PLACES.** See chart on page 9 for exact times and places of general and section meetings.

**REGISTRATION.** Registration and information desks are located in the Main Arena, Civic Auditorium. *All members, guests, and visitors are requested to register immediately on arrival.* There is no charge for registration, except for Postgraduate Courses. Registration desks are open 8:30 a.m. to 5:30 p.m. Sunday through Wednesday. *Admission to the general and section sessions and exhibits areas is by badge only.*

**QUALIFICATIONS/REQUIREMENTS FOR REGISTRATION.** (a) All M.D.'s with credentials showing that they hold valid license to practice medicine. (Membership card in C.M.A.; county medical society/association or A.M.A. membership card.) (b) Medical students will be admitted upon presentation of credentials from their medical schools identifying them as medical students. (A membership card of the Student American Medical Association or letter from their dean's office.) (c) Medical secretaries will be admitted upon presentation of a letter from the physician-employer. (d) Pharmacist mates and other military personnel of a like grade will be admitted upon presentation of a letter requesting their admittance, written by their commanding officer. (e) Dentists (D.D.S.), doctors of veterinary medicine (D.V.M.), registered nurses (R.N.), student nurses, x-ray technicians, laboratory technicians, dietitians, allied public health personnel, and others will be admitted provided they have proper identification. (f) *All questions on admission will be passed upon by a member of the Committee on Registration who will be present at the desk.*

## Other Meetings and Entertainment

### • SUNDAY, FEBRUARY 22

**Woman's Auxiliary to the California Medical Association Reception**—Gold Ball Room, Sheraton-Palace Hotel—6:00-7:30 p.m.—Honoring Mrs. Francis E. West, wife of the President of the C.M.A., and Mrs. Newell Jones, President of the Woman's Auxiliary. All doctors and their wives are cordially invited.

**C.M.A. Section on Allergy and California Society of Allergy Luncheon and Business Meeting**—Whitcomb Hotel: California Room, 12:00 noon.

**C.M.A. Section on Allergy and California Society of Allergy Reception and Dinner**—Fairmont Hotel: 7:30 p.m., Reception, Hunt Room; Dinner at 8:30 p.m., Venetian Room.

**C.M.A. Section on Orthopedics Luncheon**—English Room, Sheraton-Palace Hotel, 12:00 Noon.

**C.M.A. Section on Physical Medicine Luncheon and Meeting**—Room 2064, Sheraton-Palace Hotel, 12:00 Noon.

### • MONDAY, FEBRUARY 23

**Bureau of Medical Economics—Conference and Lunch**—Room 2053, 10:00 a.m. to 4:00 p.m.

### • TUESDAY, FEBRUARY 24

**PRESIDENT'S DINNER DANCE**—Garden Court, Sheraton-Palace Hotel, 8:00 p.m. Formal dress optional. Tickets on sale at the C.M.A. Information Desk at the Sheraton-Palace Hotel.

**C.M.A. Past President's Lunch**—Room 2051, Sheraton-Palace Hotel, 12:15 p.m.

**California Academy of Preventive Medicine Dinner**—Room 2127, Sheraton-Palace Hotel, 6:30 p.m.

**State Board of Public Health**—Room 2064, Sheraton-Palace Hotel, 10:00 a.m.

CANCER COMMISSION  
CALIFORNIA MEDICAL ASSOCIATION

**PRE-CONVENTION CONFERENCES**

SAN FRANCISCO • SATURDAY, FEBRUARY 21

**Radiology**

Concert Room, Sheraton-Palace Hotel

Chairman..... Louis J. Bonann, M.D., Los Angeles

Secretary..... Merrell A. Sisson, M.D., San Francisco

**DIAGNOSTIC SESSION—9:00 a.m. to noon**

Twelve diagnostic cases with histories and films will be presented. Cases have been selected to illustrate specific problems in the radiological and clinical diagnosis of cancer. Audience participation and discussion are urgently requested.

**THERAPY SESSION—2:00 p.m. to 4:30 p.m.**

Five cases with specific therapy problems will be presented. The audience is asked to participate actively.

**Pathology**

9:15 a.m. to noon • 2:00 p.m. to 4:30 p.m.

Gold Ball Room, Sheraton-Palace Hotel

*Moderator:* STUART LINDSAY, M.D., San Francisco

The Pre-Convention Conference on the Tumors of the Thyroid will be conducted under the chairmanship of Robert W. Huntington, Jr., M.D., Bakersfield.

Members who wish to attend this conference are requested to register now with Weldon K. Bullock, M.D., Registrar, Tumor Tissue Registry, C.M.A. Cancer Commission, Los Angeles County Hospital, 1200 North State Street, Los Angeles 33.

7:00 p.m.

Sheraton-Palace Hotel

Dinner meeting of the California Society of Pathologists. For reservations contact Ernest E. Simard, M.D., Secretary, 829 Cass Street, Monterey.

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**Cancer Commission Dinner**

6:30 p.m.—Forty-Niners Room (2060), Sheraton-Palace Hotel

Annual Dinner Meeting of the Cancer Commission and Advisory Committee.

## 5 POSTGRADUATE COURSES

*Presented by California Medical Association in cooperation with University of California, San Francisco, Seymour M. Farber, M.D., Assistant Dean for Continuing Medical Education; and Stanford University, Lowell R. Rantz, M.D., Associate Dean and Director, Postgraduate Medical Education.*

### *Out-of-State Faculty—Guests of the California Medical Association:*

EDWIN B. ASTWOOD, M.D., Professor of Medicine, Tufts College Medical School, Boston, Massachusetts.

C. ROLLINS HANLON, M.D., Professor of Surgery, Director Department of Surgery, St. Louis University School of Medicine, St. Louis, Missouri.

### 1. Postgraduate Conference in Ophthalmology

**Saturday, February 21**

**LANE HALL, STANFORD UNIVERSITY SCHOOL OF MEDICINE**

Program planned by Division of Ophthalmology, Stanford University School of Medicine.

Sponsored by California Medical Association Section on Ophthalmology: O. Ralph Tanner, M.D., Chairman; A. Ray Irvine, Jr., M.D., Secretary; Earle H. McBain, M.D., Assistant Secretary.

*Time:* Saturday, February 21, 1959, 9:00 a.m.-1:00 p.m.

*Fee:* \$10.00.

The conference will consist principally of presentation and discussion of selected cases in a number of areas of ophthalmology. The program will include the following:

*Chairman:* Dohrmann Pischel, M.D., Chief, Division of Ophthalmology.

1. Clinical Problems Associated with the Handling of Neurological Diseases Encountered in Ophthalmology.
2. The Management of Endocrine Exophthalmos.
3. Plastic Problems in Ophthalmology.

### 2. Neurology for Physicians in Practice

**Saturday and Sunday, February 21 and 22**

**STANFORD UNIVERSITY HOSPITAL**

Program planned by Department of Neurology, Stanford University School of Medicine.

Sponsored by California Medical Association Section on Psychiatry and Neurology: Chairman: Elinor R. Ives, M.D., Los Angeles; and Section on General Practice, Chairman: Howard E. Horner, M.D., Los Angeles.

*Time:* Saturday and Sunday, February 21, 22, 1959, 9:00 a.m.-12:00 noon and 1:00 p.m.-4:00 p.m.

*Fee:* \$35.00.

#### **Instructional Staff:**

Henry S. Colony, M.D., Clinical Instructor in Medicine (Neurology).

Knox H. Finley, M.D., Associate Professor of Medicine (Neurology).

Franklyn C. Hill, Jr., M.D., Resident in Neurology.

W. W. Hofmann, M.D., Assistant Professor of Medicine (Neurology).

Gordon Mulder, M.D., Assistant Resident in Neurology.

H. W. Newman, M.D., Professor of Medicine (Neurology).

W. H. Pennell, M.D., Clinical Instructor in Medicine (Neurology).

James K. Smith, M.D., Clinical Instructor in Medicine (Neurology).

Leon Whitsell, M.D., Assistant Clinical Professor of Medicine.

This series of talks, clinics and demonstrations is being offered for the first time at Stanford University Hospital and is designed to provide a practical outline of current methods of neurological diagnosis and treatment. The symposium will be built around the neurological examination and the more commonly encountered neurological conditions.

#### **SATURDAY, FEBRUARY 21**

- 9:00—**Technic of Neurological Examination**—demonstration of simplified methods—explanation of important signs.
- 10:00—**Interpretation of Findings**—correlations, anatomical review, the up-going toe, sensory findings, what they mean.
- 11:00—**The General Problem of Weakness**: primary muscle disease, disease of lower neurone, disease of neuromuscular junction, systemic diseases, pseudo weakness, discussion of differential points and treatment.
- 1:00—**Clinic: Parkinsonism**—demonstration, classification, discussion of treatment.
- 2:00—**The Problem of Seizures**. Interesting clinical features. Brief sketches of newer physiological ideas. Diagnosis and treatment.
- 3:00—**The Demyelinating Diseases**. In children—in adults. How to deal with the patient who houses the disease. What is multiple sclerosis? Current research on how to deal with the disease.

#### **SUNDAY, FEBRUARY 22**

- 9:00—**Interpretation of Findings**. Cranial nerve palsies—loss of vision.
- 10:00—**The General Problems in the "Stroke Syndrome."** When is a stroke not a CVA? The newer concepts regarding the great vessels of the nervous system. Prognosis. Treatment.
- 11:00—**The Patient with "Dizziness."** Clarification of vertigo—causes and differential points. Treatment.
- 1:00—**Clinic. Myasthenia gravis. Spinal cord tumor.**
- 2:00—**Headache**. What kind is it? What can be done? Remarks on physiology.
- 3:00—**What Laboratory Procedures to Order for the Neurological Problem**. What the EEG tells. When to do an L.P. Special Studies.

### **3. Treatment of Hernia**

**Sunday, Monday and Tuesday, February 21, 22 and 23—9 a.m. to Noon**

#### **STANFORD UNIVERSITY HOSPITAL**

Program planned by Department of Surgery, Stanford University School of Medicine.

Sponsored by California Medical Association Section on Surgery: Chairman: Edwin G. Clausen, M.D., Oakland; and Section on General Practice, Chairman: Howard E. Horner, M.D., Los Angeles.

**Time:** Sunday, Monday and Tuesday, February 22, 23 and 24, 1959, 9:00 a.m. to 12:00 noon.

**Fee:** \$25.00.

#### **Instructional Staff:**

California Medical Association Guest:

C. Rollins Hanlon, M.D., Professor of Surgery, Director Department of Surgery, St. Louis University School of Medicine, St. Louis, Missouri.

Stanford University:

Philip J. Bailey, M.D., Associate Clinical Professor of Surgery (Anesthesiology).

Frank Blaisdell, M.D., Chief Resident, Department of Surgery, Stanford Service, San Francisco County Hospital.

Roy B. Cohn, M.D., Associate Professor of Surgery.

John E. Connolly, M.D., Instructor in Surgery.

Pieter A. deVries, M.D., Clinical Instructor in Surgery.

John M. Erskine, M.D., Assistant Clinical Professor of Surgery.

Chester Herrod, M.D., Clinical Instructor in Surgery.

Victor Richards, M.D., Professor of Surgery.

Willis Schaupp, M.D., Clinical Instructor in Surgery.

Philip R. Westdahl, M.D., Assistant Clinical Professor of Surgery.

The first day will be devoted to demonstration of the anatomy of the inguinal rings and abdominal wall on the cadaver and to a discussion of anesthesia suitable for patients undergoing hernioplasty. The second and third days will include presentation of cases and clinically oriented discussions of the various forms of hernia and their treatment.

#### **SUNDAY, FEBRUARY 22**

- 9:00—**Anatomy of Inguinal Rings and Abdominal Wall**. Cadaver demonstration (for groups of ten)—Chester Herrod, M.D., Pieter A. deVries, M.D., John M. Erskine, M.D., Willis Schaupp, M.D., Frank W. Blaisdell, M.D., John E. Connolly, M.D.

- 11:00—**Anesthesia for Patients with Hernia**—Philip J. Bailey, M.D.

#### **MONDAY, FEBRUARY 23**

- 9:00—**Clinical Problems in Direct and Indirect Inguinal Hernia**—C. Rollins Hanlon, M.D.

- 11:00—**Femoral Hernia**—Victor Richards, M.D.

#### **TUESDAY, FEBRUARY 24**

- 9:00—**Ventral Hernia—Umbilical Hernia**—Roy B. Cohn, M.D.

- 10:30—**Sliding Recurrent Rare Hernia—Herniae in Infants**—Philip R. Westdahl, M.D.

- 11:00—**Panel discussions.**



## 4. Medicine in the Jet and Space Age

Sunday, February 22

UNIVERSITY OF CALIFORNIA MEDICAL CENTER

Program planned by Department of Continuing Medical Education, University of California School of Medicine, San Francisco.

*Time:* Sunday, February 22, 1959, 9:00 a.m.-12:30 p.m. and 1:30-5:00 p.m.

*Fee:* \$15.00.

### Instructional Staff:

A. Buchanan Barbour, M.D., Director, Medical Services, British European Airways, London, England.

Clinton G. Beirne, M.D., Clinical Instructor in Dermatology.\*

Seymour M. Farber, M.D., Associate Clinical Professor of Medicine.\*

Mr. Stanley Lippert, Coordinator, Human Factors Group, Douglas Aircraft Company, Santa Monica.

Carlos S. Mundt, M.A., Professor of Astronomy and Mathematics, San Francisco State College.

Nello Pace, Ph.D., Professor of Physiology.\*

Francis B. Quinn, Jr., M.D., Division of Head and Neck Surgery, U.C.L.A.; Lytton Industries, Beverly Hills.

Lt. Col. Robert Stonehill, Chief, Pulmonary Disease Section, USAF Hospital, Lackland Air Force Base, Texas.

Roger H. L. Wilson, M.D., Assistant Clinical Professor of Medicine.\*

*Chairman:* Roger H. L. Wilson, M.D.

*Co-Chairman:* Clinton G. Beirne, M.D.

\*University of California School of Medicine, San Francisco.

The last decade has seen tremendous strides in solving many of the medical difficulties associated with flight in jets and into space. The physician has many interests in both the medical and non-medical implications of such travel. Outstanding participants have been invited so that they may give insights into this exciting field. Ample time has been allotted for questions and answers between audience and speaker.

### SUNDAY MORNING, FEBRUARY 22

#### Medicine in the Jet Age

*Chairman:* Seymour M. Farber, M.D.

8:30—Registration.

9:00—The Passenger—A. Buchanan Barbour, M.D.

9:45—The Patient—Lt. Col. Robert Stonehill.

10:30—Recess.

10:45—The Journey—Mr. Stanley Lippert.

11:30—Panel Discussion.

*Moderator:* Roger H. L. Wilson, M.D.

### SUNDAY AFTERNOON, FEBRUARY 22

#### Space Flight—Man in Vacuum

*Chairman:* Clinton G. Beirne, M.D.

1:30—The Passenger—Nello Pace, Ph.D.

2:15—The Vehicle—Francis B. Quinn, Jr., M.D.

3:00—Recess.

3:15—The Journey—Carlos S. Mundt, M.A.

4:00—Panel Discussion.

*Moderator:* Clinton G. Beirne, M.D.

## 5. Family Endocrinology

Sunday and Monday, February 22 and 23

UNIVERSITY OF CALIFORNIA MEDICAL CENTER

Program planned by Department of Continuing Medical Education, University of California School of Medicine, San Francisco.

Sponsored by California Medical Association Sections on Obstetrics and Gynecology, Pediatrics, Internal Medicine and General Practice.

*Time:* Sunday, February 22, 1959, 9:00 a.m.-12:30 p.m. and 2:00-5:00 p.m. and Monday, February 23, 1959, 9:00-12:00 a.m.

*Fee:* \$25.00.

### Instructional Staff:

Guest of California Medical Association:

Edwin B. Astwood, M.D., Professor of Medicine, Tufts College Medical School, Boston.

University of California School of Medicine:

William C. Deamer, M.D., Professor of Pediatrics.

Dorothy Eichorn, Ph.D., Assistant Research Psychologist, Institute of Human Development.

Roberto F. Escamilla, M.D., Clinical Professor of Medicine.

Peter H. Forsham, M.D., Professor of Medicine and Pediatrics; Director of Metabolic Unit.

Alan Goldfien, M.D., Assistant Professor of Medicine in Obstetrics and Gynecology.

Gilbert S. Gordan, M.D., Associate Professor of Medicine.

Edward C. Hill, M.D., Assistant Professor of Obstetrics and Gynecology.

Allen T. Hinman, M.D., Assistant Clinical Professor of Medicine; Chairman, California Medical Association Section on Internal Medicine.

Frank Hinman, Jr., M.D., Associate Clinical Professor of Urology.

Frederick S. Howard, M.D., Assistant Clinical Professor of Urology.

John J. Hutchings, M.D., Instructor in Pediatrics.

Percy H. Jennings, Jr., M.D., Assistant Clinical Professor of Pediatrics; Chairman, California Medical Association Section on Pediatrics.

James Merrill, M.D., Assistant Professor of Obstetrics and Gynecology.

Donald R. Nelson, M.D., Associate Clinical Professor of Obstetrics and Gynecology; Secretary, California Medical Association Section on Obstetrics and Gynecology.

Edmund W. Overstreet, M.D., Professor of Obstetrics and Gynecology.

Ernest W. Page, M.D., Professor and Chairman of Obstetrics and Gynecology.

William A. Reilly, M.D., Clinical Professor of Pediatrics.

10:45—Panel Discussion of Practical Problems in Gynecologic Endocrinology.

*Moderator:* Ernest W. Page, M.D.

Panel: Edmund W. Overstreet, M.D., Edward C. Hill, M.D., Alan Goldfen, M.D., James Merrill, M.D.

#### SUNDAY AFTERNOON, FEBRUARY 22

*Chairman:* Percy H. Jennings, Jr., M.D.

2:00—Endocrine Evaluation of the Short Child—John J. Hutchings, M.D.

2:45—Steroid Therapy in Endocrine and Non-Endocrine Conditions—Peter H. Forsham, M.D.

3:30—Recess.

3:45—Panel on Disturbances of Sex Differentiation.

*Moderator:* William C. Deamer, M.D.

Panel: Frank Hinman, Jr., M.D., Frederick S. Howard, M.D., William A. Reilly, M.D., John J. Hutchings, M.D., Edwin B. Astwood, M.D.

This Postgraduate Course is designed to assist the practitioner in reviewing advances in this rapidly moving field. The first portion of each session will be devoted to formal presentations and will be followed by informal panel discussions and case presentations. There will be sufficient opportunity for questions and exchange of views between audience and speakers.

#### SUNDAY MORNING, FEBRUARY 22

*Chairman:* Donald R. Nelson, M.D.

9:00—Uses of Gonadal Hormones in Obstetrics and Gynecology—Edmund W. Overstreet, M.D.

9:45—Menstrual Disorders and Their Clinical Management—Ernest W. Page, M.D.

10:30—Recess.

#### MONDAY MORNING, FEBRUARY 23

*Chairman:* Allen T. Hinman, M.D.

9:00—Newer Hormonal Preparations—Roberto F. Escamilla, M.D.

9:30—Endocrinology Changes in the Aging—Gilbert S. Gordan, M.D.

10:00—Recess.

10:15—Panel on Common Endocrinology Problems of the Teenager.

*Moderator:* Allen T. Hinman, M.D.

*Lecturer:* Edwin B. Astwood, M.D.

Discussants: William C. Deamer, M.D., Gilbert S. Gordan, M.D., Dorothy H. Eichorn, Ph.D.

#### APPLICATION FOR ENROLLMENT

Mail to: POSTGRADUATE ACTIVITIES, CALIFORNIA MEDICAL ASSOCIATION  
2975 Wilshire Boulevard, Los Angeles 5, California

With check or money order in the amount of \$\_\_\_\_\_made payable to the CALIFORNIA MEDICAL ASSOCIATION. (Circle the number of the course you plan to attend.)

Name\_\_\_\_\_

Address\_\_\_\_\_

I am in General Practice\_\_\_\_\_I limit my practice to\_\_\_\_\_

Medical School attended\_\_\_\_\_

Year of graduation\_\_\_\_\_

- |   |  |         |
|---|--|---------|
| 1. Ophthalmology . . . . .                        | Saturday, February 21, 1959 . . . . .                        | \$10.00 |
| 2. Neurology for Physicians in Practice . . . . . | Saturday, Sunday, February 21, 22, 1959 . . . . .            | \$35.00 |
| 3. Treatment of Hernia . . . . .                  | Sunday, Monday, Tuesday, February 22, 23, 24, 1959 . . . . . | \$25.00 |
| 4. Medicine in the Jet and Space Age . . . . .    | Sunday, February 22, 1959 . . . . .                          | \$15.00 |
| 5. Family Endocrinology . . . . .                 | Sunday, Monday, February 22, 23, 1959 . . . . .              | \$25.00 |

# SCIENTIFIC SESSIONS

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## GENERAL MEETINGS

### FIRST GENERAL MEETING

MONDAY, FEBRUARY 23

2:00—Polk Hall, Civic Auditorium

2:00—Address of Welcome—Francis E. West, M.D.,  
President of the California Medical Association.

2:15— **Symposium**  
**The Diagnosis and Management of**  
**Upper Gastrointestinal Bleeding**

Moderator: Edwin G. Clausen, M.D., Oakland

Surgeon: Carleton Mathewson, M.D., Professor of  
Surgery, Stanford University School of Medicine,  
San Francisco.

Internist: Albert M. Snell, M.D., Department of Medicine,  
Palo Alto Clinic, Clinical Professor of Medicine,  
University of California School of Medicine, San Francisco.

Radiologist: Ross Golden, M.D., Visiting Professor of  
Radiology, University of California School of Medicine,  
Los Angeles.

### SECOND GENERAL MEETING

TUESDAY, FEBRUARY 24

#### **Vallecitos Atomic Laboratory Tour**

12:00 Noon—Main Entrance, Civic Auditorium

Chairman: Allen T. Hinman, M.D., San Francisco

Noon—Buses depart Civic Auditorium, main entrance,  
Grove Street.

12:45—Arrive Castlewood Country Club.

1:00—Luncheon.

2:00—Discussion of Vallecitos Atomic Laboratory  
and private industry's achievement in atomic  
energy field.

3:00—Buses depart Castlewood Country Club.

3:15—Arrive Vallecitos Atomic Laboratory.

3:15—Tour of Atomic Laboratory.

4:45—Depart for San Francisco.

6:00—Arrive San Francisco.

**Tickets:** \$5.00 per person, which includes refreshments  
and luncheon. Available at Registration Desk,  
Civic Auditorium.

**Tour sponsored by General Electric Company and  
Pacific Gas and Electric Company.**

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## PRESIDENT'S DINNER DANCE

TUESDAY, FEBRUARY 24

Garden Court, Sheraton-Palace Hotel, 8:00 p.m.

*Formal dress optional*

Tickets will be on sale at the C.M.A. Information Desk at the  
Sheraton-Palace Hotel

## GENERAL SURGERY

Chairman.....Edwin G. Clausen, M.D., Oakland  
 Secretary.....William F. Pollock, M.D., Santa Monica  
 Assistant Secretary.....Philip R. Westdahl, M.D., San Francisco



EDWIN G. CLAUSEN  
Chairman



WILLIAM F. POLLOCK  
Secretary

### SUNDAY, FEBRUARY 22

9:00—Room 402, Civic Auditorium

9:00—**Carcinoma of the Tongue—Results of Surgical Treatment**—Henry Schwarz II, M.D., and Julian M. Sether, M.D., Los Angeles.

Discussion opened by S. L. Perzik, M. D., Los Angeles.

9:15—**Carcinoma of the Lung in the Tuberculous Patient** — Neal C. Hamel, M.D., John N. Briggs, M.D., and Louis G. Ludington, M.D., Encino.

Discussion by H. Brodie Stephens, M.D., San Francisco.

9:30—**Uretero-ileal Anastomosis**—William Wallace Scott, M.D., and Thomas A. Stamey, M.D., Baltimore, by invitation.

10:00—**Chairman's Address**—Edwin G. Clausen, M.D., Oakland.

10:30—**Anesthesia and the Practice of Surgery**—Stuart Cullen, M.D., San Francisco, by invitation.

10:50—**Recurrent Carcinoma of the Rectum**—B. Richard Jackson, M.D., and William H. Daniel, M.D., Los Angeles.

Discussion opened by Walter Birnbaum, M.D., San Francisco.

11:05—**Preoperative, Operative and Postoperative Visualization of the Biliary Tract**—C. Rollins Hanlon, M.D., St. Louis, by invitation.

11:35—**The Need for Complete Exclusion in Cases of Complicated Regional Enteritis**—Luis Arismendi, M.D., Stockton; Major Joseph L. Hannon, MC, USA, and Colonel Herbert T. Berwald, MC, USA, San Francisco, both by invitation; and Carleton Mathewson, M.D., San Francisco.

Discussion opened by Russell Klein, M.D., San Rafael.

11:50—**Business Meeting and Election of Officers.**

### MONDAY, FEBRUARY 23

2:00—Polk Hall, Civic Auditorium

#### Symposium

**The Diagnosis and Management of Upper Gastrointestinal Bleeding**

For program, see General Meetings.

### TUESDAY, FEBRUARY 24

Noon—Main Entrance, Civic Auditorium

**Vallecitos Atomic Laboratory Tour**

Fee \$5.00—Tickets on sale at Registration Desk.

For program, see General Meetings.

## VISIT SCIENTIFIC AND TECHNICAL EXHIBITS

## INTERNAL MEDICINE

Chairman.....Allen T. Hinman, M.D., San Francisco  
Secretary.....Edward Shapiro, M.D., Beverly Hills  
Assistant Secretary.....Charles D. Armstrong, M.D., Menlo Park



ALLEN T. HINMAN  
Chairman



EDWARD SHAPIRO  
Secretary

### SUNDAY, FEBRUARY 22

9:00—Room 301, Civic Auditorium

Joint Meeting with the Section on Eye

Chairman: Edward Shapiro, M.D., San Francisco

9:00—The Eye and Hyperthyroidism—Edwin B. Astwood, M.D., Boston, Massachusetts, by invitation.

9:30—Round Table Discussion.

Moderator: Paul Starr, M.D., Pasadena

Members of the Panel:

Internists: Edwin B. Astwood, M.D., Boston, by invitation; and Robert Lowrey, M.D., Glendale.

Ophthalmologists: Jerome Bettman, M.D., and Max Fine, M.D., San Francisco.

10:30—

#### Panel Discussion

The Eye and Collagen Diseases

1. Medical Aspects—Edmund Dubois, M.D., Beverly Hills.
2. Fundus Picture—Alan J. Rosenberg, M.D., San Francisco.
3. Pathology—Michael J. Hogan, M.D., San Francisco.

### MONDAY, FEBRUARY 23

2:00—Polk Hall, Civic Auditorium

The Diagnosis and Management of Upper  
Gastrointestinal Bleeding

For program, see General Meetings.

### TUESDAY, FEBRUARY 24

9:00—Room 403, Civic Auditorium

Chairman: Allen T. Hinman, M.D., San Francisco

9:00—The Advantages of Heparin as the Sole Anticoagulant in Acute Myocardial Infarction—Hyman Engelberg, M.D., Beverly Hills.

Four years' study involving 36 private patients constitutes the experience to be reported, plus data from a controlled study done at the Los Angeles County Hospital with Drs. George Griffith and Willard Zinn.

9:15—Fat of Fancy—Myths and Myocardial Infarction—Raymond E. Weston, M.D., Beverly Hills.

Provocative data analyzing the pathogenesis and prognosis of atherosclerosis. The potentialities of diets low in saturated fats; unsaturated fats; sitosterol; pyridoxine; estrogen; and thyroid derivatives as regimens for prophylaxis or treatment will be evaluated.

9:30—The Treatment of Gout—A Comprehensive Approach—William C. Kuzell, M.D. and W. Edward Naugler, M.D., San Francisco.

The acute attack is more amenable to standardization of treatment than chronic gouty arthritis. Uricosuric agents are only occasionally needed to prevent acute recurrences. Treatment to alleviate chronic gouty arthritis, to reduce tophi, and to preserve renal function includes the use of anti-inflammatory and uricosuric agents.

9:45—The Current Status of Chemotherapy in Malignant Disease—Byron E. Hall, M.D., San Francisco.

Actual cases will be used to present the thesis of the extreme variability of the growth-inhibiting properties of a number of chemical agents in unrelated malignant disease. It is important to assay each new agent against a variety of neoplasms, and at variable dosage levels in order to treat the patient fully.

- 10:00—**Redistribution of the Blood-Supply of the Heart, Brain, Liver and Kidney by Vasopressor Drugs in Shock**—Eliot Corday, M.D., Beverly Hills; John H. Williams, M.D., Boston, by invitation, and Lauro B. De Vera, M.D., Quezon City, Manila, P.I., by invitation.

Although vasopressor drugs may be life-saving in the treatment of shock, what of the danger of hepatic and renal ischemia and necrosis? In dogs, simultaneous blood-flow of the heart, liver, kidney and brain was measured during shock and after treatment by vasopressor drugs.

- 10:15—**Obesity and Fat Metabolism**—Edwin B. Astwood, M.D., Boston, Mass., by invitation.

Dr. Astwood, a graduate of McGill University Faculty of Medicine, is Professor of Medicine at Tufts College Medical School and is Senior Physician in Endocrinology at the New England Medical Center Hospital. In 1949, he was awarded the John Phillips Memorial Medal by the American College of Physicians.

- 10:45—**Intermission** (10 minutes only. Please return promptly.)

- 10:55—**Business Meeting and Election of Officers.**

- 11:00—**The Evaluation of Pulmonary Hypertension in Mitral Stenosis: A Comparison of Clinical, Roentgenological and Cardiac-Catheterization Data**—Richard S. Cosby, M.D., Pasadena.

Pulmonary hypertension owing to mitral block is analyzed in 50 patients from the history, physical signs, radiograph of the thorax, and cardiac catheterization. The last procedure, this study suggests, is needed only in one-third of the subjects when the ECG and X-ray are thoroughly studied.

- 11:15—**Serum Insulin-Like Activity of Normal and Diabetic Humans**—Paul Beigelman, M.D., Los Angeles.

A method of bio-assay for insulin-like activity has been devised (utilizing glucose-uptake by rat epididymal-adipose tissue) that is sensitive to 0.0001 unit of insulin per ml. Studies of normals and cases of diabetic coma are compared.

- 11:30—**Problems in the Diagnosis of Thyroid Disease**—Boris Catz, M.D., Beverly Hills and Donald W. Petit, M.D., Pasadena.

The definition of thyroid function is often difficult, especially in infectious hepatitis, pregnancy, nephrosis and iodogenic goiter. Cases will be shown that required, for correct diagnosis, various combinations of P.B.I.,  $I^{131}$  uptake, T.S.H., B.M.R., cholesterol suppression studies with tri-iodo-thyronine, and thyroxine-binding component.

- 11:45—**A Clinical and Physiological Evaluation of the Hyperventilation Syndrome**—Bernard I. Lewis, M.D., Palo Alto.

Observations have delineated a chronic hyperventilation pattern that occurs more frequently than the episodic variety. The study of 250 patients by a new instantaneous recording of cardiac, pulmonary and acid-base balance alterations leads to effective treatment.

## **TUESDAY, FEBRUARY 24**

Noon—Main Entrance, Civic Auditorium

Vallecitos Atomic Laboratory Tour

Fee \$5.00—Tickets on sale at Registration Desk.

For program, see General Meetings.

## **QUALIFICATIONS/REQUIREMENTS FOR REGISTRATION**

(a) All M.D.'s with credentials showing that they hold valid license to practice medicine. (Membership card in C.M.A.; county medical society/association or A.M.A. membership card.)

(b) Medical students will be admitted upon presentation of credentials from their medical schools identifying them as medical students. (A membership card of the Student American Medical Association or letter from their dean's office.)

(c) Medical secretaries will be admitted upon presentation of a letter from the physician employer.

(d) Pharmacist mates and other military personnel of a like grade will be admitted upon presentation of a letter requesting their admittance, written by their commanding officer.

(e) Dentists (D.D.S.), doctors of veterinary medicine (D.V.M.), registered nurses (R.N.), student nurses, x-ray technicians, laboratory technicians, dietitians, allied public health personnel, and others will be admitted provided they have proper identification.

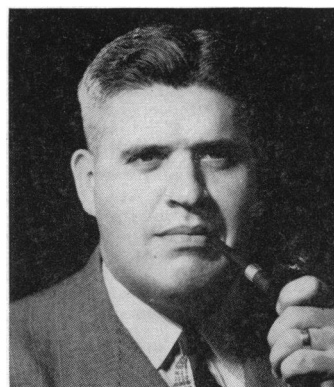
(f) *All questions on admission will be passed upon by a member of the Committee on Registration who will be present at the desk.*

## GENERAL PRACTICE

Chairman.....Howard E. Horner, M.D., Los Angeles  
Secretary.....James S. Eley, M.D., Eureka  
Assistant Secretary.....Floyd K. Anderson, M.D., Los Angeles



HOWARD E. HORNER  
Chairman



JAMES S. ELEY  
Secretary

The Section on General Practice will not conduct a scientific program in order not to conflict with the Postgraduate Education Courses and the General Meetings which the section helped to arrange.

### SUNDAY and MONDAY, FEBRUARY 22 and 23

University of California Medical Center  
Second and Parnassus Avenues

#### Postgraduate Course in Endocrinology

Co-sponsored by Section on General Practice

##### Sunday

9:00—Female Endocrinology.

2:00—Pediatric Endocrinology.

##### Monday

9:00—Adolescent and Adult Endocrinology.

For curriculum and registration information,  
see pages 14 and 15.

### MONDAY, FEBRUARY 23

1:45—Polk Hall, Civic Auditorium

1:45—A Business Meeting for the Election of Officers and Preliminary Planning for the 1960 Scientific Program of the General Practice Section.

2:00—

#### Symposium

The Diagnosis and Management of Upper  
Gastrointestinal Bleeding

For program, see General Meetings.

### TUESDAY, FEBRUARY 24

Noon—Main Entrance, Civic Auditorium

Vallecitos Atomic Laboratory Tour

Fee \$5.00—Tickets on sale at Registration Desk.

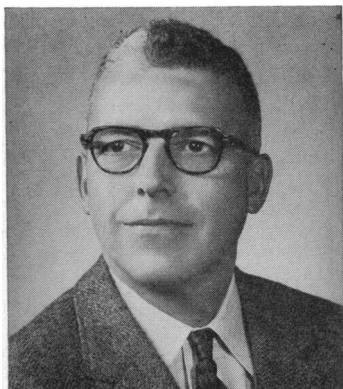
For program, see General Meetings.

## REGISTRATION

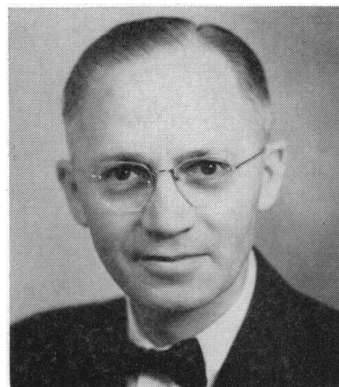
Registration and information desks are located in the Main Arena, Civic Auditorium. *All members, guests, and visitors are requested to register immediately on arrival.* There is no charge for registration except for Postgraduate Courses. Registration desks are open 8:30 a.m. to 5:30 p.m. Sunday through Wednesday. *Admission to the general and section sessions and exhibit areas is by badge only.*

## ALLERGY

Chairman.....Albert Rowe, Jr., M.D., Oakland  
Secretary.....George F. Harsh, M.D., San Diego



ALBERT ROWE, JR.  
Chairman



GEORGE F. HARSH  
Secretary

### SUNDAY, FEBRUARY 22

Noon—California Room, Whitcomb Hotel

12:00—Luncheon and Business Meeting—Sponsored jointly by the Section on Allergy and the California Society of Allergy.

### SUNDAY, FEBRUARY 22

2:00—Room 404, Civic Auditorium

2:00—Bronchial Asthma—Air Trapping as an Aggravating Factor—Edward M. Matzger, M.D., San Francisco.  
Discussion.

2:30—Spirometric Evaluation of a Theophylline Solution in Treating Asthma—Frederic W. Farrah, M.D., and Walter R. MacLaren, M.D., Pasadena.  
Discussion.

3:00—Correlation of Intradermal Food Skin Tests for Allergenicity—Milton Millman, M.D., and Robert A. Richmond, M.D., San Diego.  
Discussion.

3:30—Serotonin—Its Possible Relationship to Allergy—M. Coleman Harris, M.D., San Francisco.  
Discussion.

4:00—Chairman's Address—Albert Rowe, Jr., M.D., Oakland.

7:00—Fairmont Hotel, Hunt Room

7:00—Reception and Dinner—Sponsored jointly by Section on Allergy and California Society of Allergy.

## PRESIDENT'S DINNER DANCE

TUESDAY, FEBRUARY 24

Garden Court, Sheraton-Palace Hotel; 8:00 p.m.

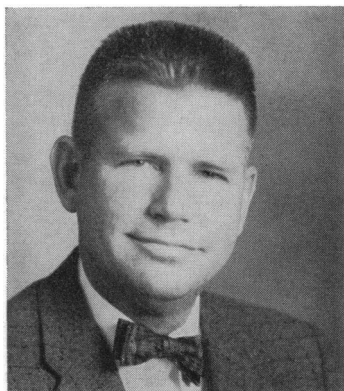
*Formal dress optional*

Tickets will be on sale at the C.M.A. Information Desk at the Sheraton-Palace Hotel



## ANESTHESIOLOGY

Chairman.....John S. Hattox, Jr., M.D., San Diego  
Secretary.....Charles D. Anderson, M.D., Oakland  
Assistant Secretary.....Roger W. Ridley, M.D., Riverside



JOHN S. HATTOX, JR.  
Chairman



CHARLES D. ANDERSON  
Secretary

### WEDNESDAY, FEBRUARY 25

2:00—Room 402, Civic Auditorium

2:00—**The Use of Nikedimide in Barbiturate Intoxication and in Terminating Barbiturate Anesthesia**—Milton J. Marmer, M.D., Beverly Hills.

When Nikedimide was used on 400 patients after barbiturate anesthesia, almost all showed signs of awakening within five minutes. Five patients in coma from barbiturate intoxication were successfully resuscitated.

2:20—**Business Meeting and Election of Officers.**

2:50—**Intermission.**

3:00— **Symposium**

**Contemporary Standards of the Practice of Anesthesiology**

Moderator: Douglass H. Batten, M.D., San Diego

Members of the Symposium: Forrest E. Leffingwell, M.D., Pasadena, Grant Fletcher, M.D., Monterey, Edward J. Twigg, M.D., Oakland; and Stuart C. Cullen, M.D., San Francisco, by invitation.

3:00—**Introduction**—Douglass H. Batten, M.D., San Diego.

Anesthesiology as a young specialty has undergone a rapid development and accompanying this there has been an even more rapid upgrading of the standards of practice.

3:10—**The Anesthesiologist's Responsibilities**—Forrest E. Leffingwell, M.D., Pasadena.

The anesthesiologist plays many roles: Physician, physiologist, consultant. In these roles he has responsibilities to the patient, surgeon, hospital and community.

3:25—**The Anesthesiologist's Tools**—Grant Fletcher, M.D., Monterey.

The chaff of older and present day tools will be condemned while the worthwhile tools of the past and present will be emphasized.

3:40—**The Legal Restraints and Constraints**—Edward J. Twigg, M.D., Oakland.

The thesis that there is no inherent safety in an anesthetic technique will be developed by presentation of actual litigation cases.

3:55—**The Responsibilities of Residency Programs**—Stuart C. Cullen, M.D., San Francisco, by invitation.

Residency programs have the dual responsibility of training physicians according to acceptable standards of practice and to upgrading standards generally by good teaching techniques.

## EMERGENCY CALLS AND MESSAGES

Each physician should notify his own secretary regarding the exact section he plans to attend and the time of his attendance. It is up to the individual physician to keep his own office staff so informed. The Association will attempt to transmit messages to the individual physician.

In case of emergency, when the doctor cannot be located, the call will be referred to Emergency Call Service of the local County Medical Societies.

## DERMATOLOGY AND SYPHILOLOGY

Chairman.....Frances M. Keddie, M.D., Palo Alto  
Secretary.....Herbert L. Joseph, M.D., Vallejo  
Assistant Secretary.....Edward L. Laden, M.D., Inglewood



FRANCES M. KEDDIE  
Chairman



HERBERT L. JOSEPH  
Secretary

### SUNDAY, FEBRUARY 22

9:00—Polk Hall, Civic Auditorium

- 9:00—Chairman's Address: Some Observations on a Yeast-like Fungus Grown from Cases of Pityriasis Versicolor—Frances M. Keddie, M.D., and Bart J. Spence, Jr., M.D., Palo Alto; and Dorothy Liebes, B.A., Palo Alto, by invitation.
- 9:20—The Nature of the Seborrheic Diathesis—Jud R. Scholtz, M.D., Pasadena.  
Discussion.
- 9:40—Skin Problems in the Ileostomy Patient—Eugene M. Farber, M.D., San Francisco; and Samuel I. Roland, M.D., Palo Alto, by invitation; and Robert McNamara, M.D., San Francisco, by invitation.  
Discussion.
- 10:00—Newer Drug Therapy in Dermatology—Rees B. Rees, M.D., and James H. Bennett, M.D., San Francisco; and Max R. Greenlee, Jr., M.D., San Francisco, by invitation.  
Discussion.
- 10:20—Recess.

10:30—

### Symposium

#### Light Sensitivity Dermatoses

- Moderator: Thomas H. Sternberg, M.D., Los Angeles
- 10:30—Introduction—Thomas H. Sternberg, M.D., Los Angeles.
- 10:35—Histopathology of the Light Sensitivity Dermatoses—Edwin T. Wright, M.D., Los Angeles; and Louis H. Winer, M.D., Beverly Hills.
- 10:50—Physics of Ultraviolet Light—Peter L. Beal, M.D., Redwood City.
- 11:05—The Antimalarial Drugs—John H. Epstein, M.D., San Francisco.
- 11:20—8-Methoxypsoralen — A Short Review and Comment—Sheldon Swift, M.D., Los Angeles, by invitation.
- 11:35—Questions from the floor.
- 11:50—Business Meeting and Election of Officers.

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### RECEPTION

#### WOMAN'S AUXILIARY TO THE C.M.A.

SUNDAY, FEBRUARY 22, 6 to 7:30 P.M.

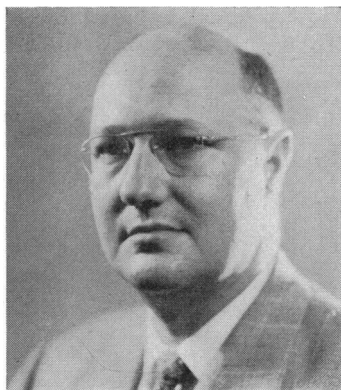
Gold Ball Room, Sheraton-Palace Hotel

*Honoring Mrs. Francis E. West and Mrs. Newell Jones*

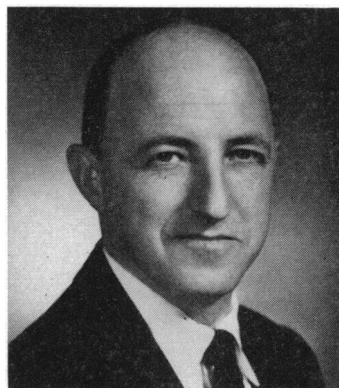
All doctors and their wives are cordially invited

## EAR, NOSE AND THROAT

Chairman.....Walter E. Heck, M.D., San Francisco  
Secretary.....Ewing Seligman, M.D., Beverly Hills  
Assistant Secretary.....Heinrich W. Kohlmoos, M.D., Oakland



WALTER E. HECK  
Chairman



EWING SELIGMAN  
Secretary

### MONDAY, FEBRUARY 23

9:00—Room 405, Civic Auditorium

9:00—**Tympanotomy—Exploratory “Laparotomy” of the Middle Ear**—Eugene S. Hopp, M.D., San Francisco.  
Discussion.

9:30—**Intranasal Injection of Corticosteroids in Nasal Disorders**—Marvin W. Simmons, M.D., Fresno.  
Discussion.

10:00—**The Maxillary-Premaxillary Approach to Extensive Nasal Septum Surgery**—Fred W. Beck, M.D., Oakland.  
Discussion.

10:30—

### Panel Discussion

#### Hearing Aids

Moderator: Shirley Harold Baron, M.D., San Francisco

Members of the Panel: Robert C. McNaught, M.D., San Francisco; Walter P. Work, M.D., San Francisco; Hayes A. Newby, Ph.D., Stanford, by invitation; Richard F. Dixon, Ph.D., San Francisco, by invitation.

11:30—**Cysts of the Jaws—Their Classification and Repair**—Jack H. Seltam, M.D., D.D.S., Los Angeles.  
Discussion.

12:00—**Business Meeting and Election of Officers.**

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## TWO GENERAL MEETINGS

**MONDAY, FEBRUARY 23—2:00 p.m., Polk Hall, Civic Auditorium**  
*Diagnosis and Management of Upper Gastrointestinal Bleeding*

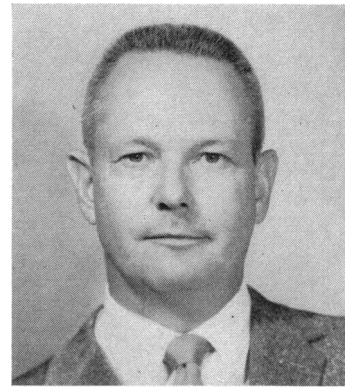
**TUESDAY, FEBRUARY 24—NOON, Main Entrance to Civic Auditorium**  
*Vallecitos Atomic Laboratory Tour*

## EYE

Chairman.....O. Ralph Tanner, M.D., Palo Alto  
Secretary.....A. Ray Irvine, Jr., M.D., Los Angeles  
Assistant Secretary.....Earle H. McBain, M.D., San Rafael



O. RALPH TANNER  
Chairman



A. RAY IRVINE, JR.  
Secretary

### SATURDAY, FEBRUARY 21

9:00 a.m.-1:00 p.m.—Stanford University School of Medicine  
2398 Sacramento Street

#### Postgraduate Course in Ophthalmology

Co-sponsored by Section on Eye

For curriculum and registration information, see pages 12 and 15

### SUNDAY, FEBRUARY 22

9:00—Room 301, Civic Auditorium

Joint Meeting with the Section on Internal Medicine

Chairman: Edward Shapiro, M.D., San Francisco

9:00—The Eye and Hyperthyroidism—Edwin B. Astwood, M.D., Boston, Massachusetts, by invitation.

9:30—Round Table Discussion.

Moderator: Paul Starr, M.D., Pasadena

Members of the Panel:

Internists: Edwin B. Astwood, M.D., Boston, by invitation; and Robert Lowrey, M.D., Glendale.

Ophthalmologists: Jerome Bettman, M.D., and Max Fine, M.D., San Francisco.

10:30— **Panel Discussion**

**The Eye and Collagen Diseases**

1. **Medical Aspects**—Edmund Dubois, M.D., Beverly Hills.
2. **Fundus Picture**—Alan J. Rosenberg, M.D., San Francisco.
3. **Pathology**—Michael J. Hogan, M.D., San Francisco.

### SUNDAY, FEBRUARY 22

2:00—Room 402, Civic Auditorium

2:00—**Electromyography**—Edward Tamler, M.D., San Francisco.

2:30—**Medical Treatment of Convergent Strabismus**—Robert L. Tour, M.D., San Francisco.

3:00—**Surgical Treatment of Convergent Strabismus**—Floyd Bond, M.D., San Diego.

3:30—**Divergent Strabismus**—Alfred R. Robbins, M.D., Los Angeles.

4:00— **Panel Discussion**

**Concomitant Strabismus—Diagnosis and Treatment**

Moderator: Clifford A. Dickey, M.D., San Francisco

Members of the Panel: Edward Tamler, M.D., and Robert L. Tour, M.D., San Francisco; Floyd Bond, M.D., San Diego; and Alfred R. Robbins, M.D., Los Angeles.

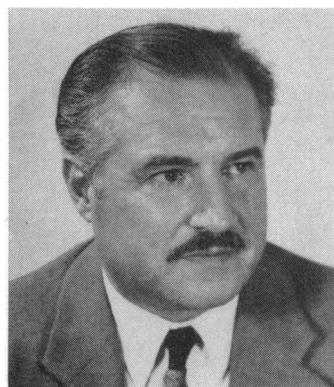
4:30—**Business Meeting and Election of Officers.**

## INDUSTRIAL MEDICINE AND SURGERY

Chairman.....Leonard J. Yamshon, M.D., Gardena  
Secretary.....Gandolph A. Prisinzano, M.D., Sacramento  
Assistant Secretary.....Edward J. Zaik, M.D., Los Angeles



LEONARD J. YAMSHON  
Chairman



GANDOLPH A. PRISINZANO  
Secretary

### SUNDAY, FEBRUARY 22

9:00—Room 404, Civic Auditorium

9:00—Chairman's Address—Leonard J. Yamshon, M.D., Los Angeles.

9:15—Are Work Restrictions Justified on Spine X-Ray Findings Alone?—H. L. Herschensohn, M.D., Santa Monica.

9:35—Analysis of Sick Leave Experience in Industry—E. P. Luongo, M.D., Los Angeles.

10:05—Recess.

10:25—Periodic Health Examination—Detection and Health Promotion—Rodney R. Beard, M.D., San Francisco.

10:45—The Role and Responsibility of the Attending or Treating Physician in Traffic Accident Injuries—Carlton C. Purviance, M.D., Vallejo.

11:05—Granuloma Diseases of the Extremities—John E. Kirkpatrick, M.D., San Francisco.

11:25—Diagnosis of Industrial Dermatoses—Robert C. Vanina, M.D., Sacramento.

11:45—Business Meeting.

### MONDAY, FEBRUARY 23

9:00—Room 404, Civic Auditorium

Joint Meeting with the Section on Physical Medicine

Chairman: Leonard J. Yamshon, M.D., Los Angeles

#### Panel Discussion

Traumatic Injuries to the Forearm and Hand

Moderator: David Rubin, M.D., Los Angeles

9:00—Anatomy of the Forearm and Hand—David L. Bassett, M.D., Palo Alto.

9:20—Fractures of the Forearm and Hand and Treatment—E. R. Schottstaedt, M.D., San Francisco.

9:40—Soft Tissue Injuries of the Forearm and Hand and Treatment—Donald R. Pratt, M.D., San Francisco.

10:00—Anesthesia Treatment Techniques for Injuries of the Forearm and Hand—Charles D. Anderson, M.D., Oakland.

10:20—Physical Medicine Treatment Techniques for Injuries of the Forearm and Hand—Carrie E. Chapman, M.D., Oakland.

10:40—Prosthesis and Terminal Devices for Traumatic Injuries of Forearm and Hand—Charles O. Bechtol, M.D., Los Angeles.

11:00—Round Table Discussion.

## TWO GENERAL MEETINGS

MONDAY, FEBRUARY 23—2:00 p.m., Polk Hall, Civic Auditorium

*Diagnosis and Management of Upper Gastrointestinal Bleeding*

TUESDAY, FEBRUARY 24—NOON, Main Entrance to Civic Auditorium

*Vallecitos Atomic Laboratory Tour*

## OBSTETRICS AND GYNECOLOGY

Chairman.....Keith P. Russell, M.D., Los Angeles  
 Secretary.....Donald R. Nelson, M.D., San Francisco  
 Assistant Secretary.....John C. McDermott, M.D., Los Angeles



KEITH P. RUSSELL  
Chairman



DONALD R. NELSON  
Secretary

### SUNDAY and MONDAY, FEBRUARY 22 and 23

University of California Medical Center  
 Second and Parnassus Avenues

#### Postgraduate Course in Endocrinology

Co-Sponsored by Section on Obstetrics and Gynecology

##### Sunday

9:00—Female Endocrinology.  
 2:00—Pediatric Endocrinology.

##### Monday

9:00—Adolescent and Adult Endocrinology.

For curriculum and registration information,  
 see pages 14 and 15.

### TUESDAY, FEBRUARY 24

Noon—Main Entrance, Civic Auditorium

#### Vallecitos Atomic Laboratory Tour

Fee \$5.00—Tickets on sale at Registration Desk.

For program, see General Meetings.

### WEDNESDAY, FEBRUARY 25

9:00—Room 405, Civic Auditorium

9:00—Ano-Rectal Complications During Pregnancy  
 —Lewis Grodsky, M.D., San Francisco.

9:30—Interstitial Radioactive Gold Therapy of the  
 Lateral Pelvic Lymph Nodes in Carcinoma of  
 the Uterine Cervix—Captain W. S. Baker, Jr.,  
 MC, USN, San Diego, by invitation.

10:00—Experiences of an Rh Committee in a Private  
 General Hospital—Bruce B. Rolf, M.D., Los  
 Angeles.

10:30—Recess.

10:45—Synthetic Oxytocin—Lester T. Hibbard, M.D.,  
 Los Angeles.

11:15—Chairman's Address—Keith P. Russell, M.D.,  
 Los Angeles.

11:45—Business Meeting.

### WEDNESDAY, FEBRUARY 25

2:00—Polk Hall, Civic Auditorium

Joint Meeting with Section on Pediatrics

#### Panel Discussion

##### Brain Damage in the Infant from the Viewpoint of the Obstetrician and Pediatrician

Moderator: Philip H. Arnot, M.D., San Francisco

2:00—Central Nervous System Damage in Infancy  
 —Peter Cohen, M.D., San Francisco.

2:15—Pathology—Cyril B. Courville, M.D., Los Angeles.

2:30—Prenatal Causes of Neurological Disease in  
 Infancy—Rex H. Whitworth, M.D., San Francisco.

2:45—Genetics—Curt Stern, Ph.D., Berkeley, by invitation.

3:00—Summary—Philip H. Arnot, M.D., San Francisco.

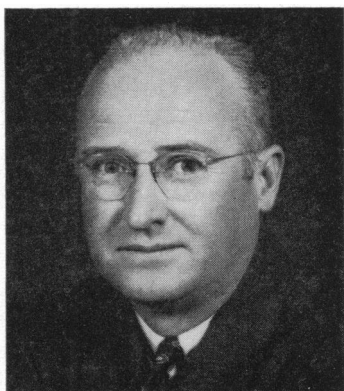
3:15—Recess.

3:30—Round Table Discussion and Questions.

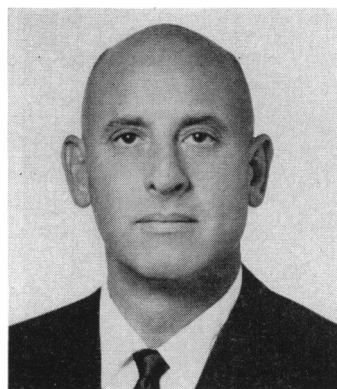
## PROGRAM AND REPORTS

## ORTHOPEDICS

Chairman.....Floyd Jergesen, M.D., San Francisco  
Secretary.....Howard A. Mendelsohn, M.D., Beverly Hills  
Assistant Secretary.....Carl E. Horn, M.D., Sacramento



FLOYD JERGESSEN  
Chairman



HOWARD A. MENDELSON  
Secretary

### SUNDAY, FEBRUARY 22

9:00—Room 405, Civic Auditorium

Joint Meeting with the Section on Pathology  
and Bacteriology

For program, see Section on Pathology  
and Bacteriology

12:00—English Room, Sheraton-Palace Hotel

12:00—Luncheon.

1:00—Business Meeting and Election of Officers.

### SUNDAY, FEBRUARY 22

2:00—Room 405, Civic Auditorium

2:00—Intensive Rehabilitation in a Chronic Disease  
Hospital—John E. Affeldt, M.D., Vernon  
Nickel, M.D., and Jacquelin Perry, M.D.,  
Downey; and Bertrand C. Kriete, M.D.,  
Downey, by invitation.  
Discussion.

2:20—Laminectomy for Intervertebral Disc De-  
rangement—A Clinical Survey—Mark Stern,  
M.D., Los Angeles, by invitation; and How-  
ard A. Mendelsohn, M.D., Beverly Hills.  
Discussion.

2:40—Improved Technique for Radiography in Hip  
Fractures—Frederic W. Ilfeld, M.D., and  
Stephen Field, M.D., Beverly Hills.  
Discussion.

3:00—Intermission.

3:20—Osteotomy in the Treatment of Certain Highly  
Selected Fresh Fractures of the Femoral Neck  
—William A. Teipner, M.D., San Francisco,  
Norman L. Portello, M.D., Pleasant Hill,  
and Edwin Schottstaedt, M.D., San Fran-  
cisco.  
Discussion.

3:40—Closed vs. Open Treatment of Femoral Shaft  
Fractures—A Survey of 85 Cases—Edgar E.  
Ramey, M.D., Los Angeles, by invitation.  
Discussion.

4:00—Chairman's Address—Floyd H. Jergesen,  
M.D., San Francisco.

## PRESIDENT'S DINNER DANCE

TUESDAY, FEBRUARY 24

Garden Court, Sheraton-Palace Hotel, 8:00 p.m.

*Formal dress optional*

Tickets will be on sale at the C.M.A. Information Desk at the  
Sheraton-Palace Hotel

## PATHOLOGY AND BACTERIOLOGY

Chairman.....Leslie R. Grams, M.D., San Jose  
 Secretary.....Leo Kaplan, M.D., Los Angeles  
 Assistant Secretary.....Robert L. Dennis, M.D., San Jose



LESLIE R. GRAMS  
Chairman



LEO KAPLAN  
Secretary

### SUNDAY, FEBRUARY 22

9:00—Room 405, Civic Auditorium

Joint Meeting with the Section on Orthopedics

Co-Chairmen: Leslie R. Grams, M.D., San Jose, and  
 Floyd H. Jergesen, M.D., San Francisco

9:00—**Malignant Bone Tumors in Siblings: A Case  
 Report**—Robert W. Huntington, Jr., M.D.,  
 Bakersfield; and Donald L. Sheffel, M.D.,  
 Los Angeles, by invitation.

9:15—**Changes Occurring in Paget's Disease with  
 Newer Hormonal Agents**—Felix O. Kolb,  
 M.D., San Francisco.

9:35—**Unusual Chondroid Tumors of Bone—A Clin-  
 ical and Pathologic Survey of 20 Cases**—Louis  
 Lichtenstein, M.D., and Donald Bernstein,  
 M.D., Los Angeles, both by invitation.

9:55—**The Formation, Structure and Function of  
 Cartilage**—Carl E. Andersen, M.D., Santa  
 Rosa.

10:15—**Giant Cell Fibroma and Its Relationship to  
 Aneurysmal Bone Cyst**—J. Vernon Luck,  
 M.D., and Weldon K. Bullock, M.D., Los  
 Angeles.

10:35—**Intermission.**

10:45—**The Pathogenesis of Metabolic Bone Disease**  
 —Jackson T. Crane, M.D., San Francisco.

11:05—**Prevention and Management of Staphylococ-  
 cal Infections of Extremities**—Edwin J. Pul-  
 aski, Lt. Colonel, MC, USA, San Francisco,  
 by invitation.

11:25—**Panel Discussion.**

11:45—**Recess.**

11:55—**Chairman's Address**—Leslie R. Grams, M.D.,  
 San Jose.

12:15—**Business Meeting and Election of Officers.**

## REGISTRATION

Registration and information desks are located in the Main Arena, Civic Auditorium. *All members, guests, and visitors are requested to register immediately on arrival.* There is no charge for registration except for Post-graduate Courses. Registration desks are open 8:30 a.m. to 5:30 p.m. Sunday through Wednesday. *Admission to the general and section sessions and exhibit areas is by badge only.*



## PEDIATRICS

Chairman.....Percy H. Jennings, Jr., M.D., Berkeley  
 Secretary.....Gordon L. Richardson, M.D., North Hollywood  
 Assistant Secretary.....James L. Dennis, M.D., Oakland



PERCY H. JENNINGS, JR.  
Chairman



GORDON L. RICHARDSON  
Secretary

### SUNDAY and MONDAY, FEBRUARY 22 and 23

University of California Medical Center  
 Second and Parnassus Avenues

#### Postgraduate Course in Endocrinology

Co-Sponsored by Section on Pediatrics

##### Sunday

9:00—Female Endocrinology.  
 2:00—Pediatric Endocrinology.

##### Monday

9:00—Adolescent and Adult Endocrinology.

For curriculum and registration information,  
 see pages 14 and 15.

### WEDNESDAY, FEBRUARY 25

9:00—Polk Hall, Civic Auditorium

#### Symposium

Practical Pediatrics as Viewed by  
 Various Specialties

- 9:00—Surgery—Edward M. Greaney, Jr., M.D., Los Angeles.  
 Discussion by Melvin Schwartz, M.D., Alameda.
- 9:25—Ear, Nose and Throat—Francis A. Sooy, M.D., San Francisco.  
 Discussion by H. E. Thelander, M.D., San Francisco.
- 9:50—Orthopedics—Theodore A. Lynn, M.D., Los Angeles.  
 Discussion by A. Crawford Bost, M.D., San Francisco.

10:15—Business Meeting and Election of Officers.

10:30—Recess.

10:45—Allergy—Albert H. Rowe, M.D., Oakland.  
 Discussion by Otis Cobb, M.D., Concord.

11:10—Ophthalmology—Warren A. Wilson, M.D., Los Angeles.  
 Discussion by Wendell R. Coffelt, M.D., Burbank.

11:35—Wellness Care for Children—Percy H. Jennings, Jr., M.D., Berkeley.  
 Discussion by Frank W. Norman, M.D., Santa Rosa.

### WEDNESDAY, FEBRUARY 25

2:00—Polk Hall, Civic Auditorium

Joint Meeting with the Section on Obstetrics and Gynecology

#### Panel Discussion

Brain Damage in the Infant from the Viewpoint  
 of the Obstetrician and Pediatrician

Moderator: Philip H. Arnot, M.D., San Francisco

2:00—Central Nervous System Damage in Infancy  
 —Peter Cohen, M.D., San Francisco.

2:15—Pathology—Cyril B. Courville, M.D., Los Angeles.

2:30—Prenatal Causes of Neurological Disease in Infancy—Rex H. Whitworth, M.D., San Francisco.

2:45—Genetics—Curt Stern, Ph.D., Berkeley, by invitation.

3:00—Summary—Philip H. Arnot, M.D., San Francisco.

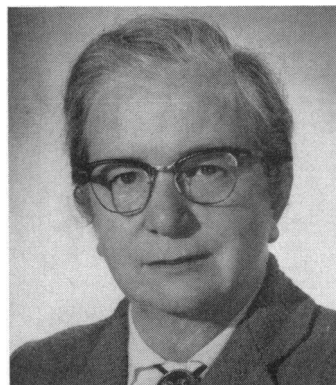
3:30—Round Table Discussion and Questions.

## PHYSICAL MEDICINE

Chairman.....David Rubin, M.D., Los Angeles  
Secretary.....Carrie E. Chapman, M.D., Oakland  
Assistant Secretary.....Joseph E. Maschmeyer, M.D., Los Angeles



DAVID RUBIN  
Chairman



CARRIE E. CHAPMAN  
Secretary

### SUNDAY, FEBRUARY 22

Noon—Room 2064, Sheraton-Palace Hotel

Chairman: David Rubin, M.D., Los Angeles

12:00—Luncheon and Business Meeting.

1. Physical Medicine in a Community—Arthur C. Jones, M.D., Portland, Oregon, by invitation.
2. Recent Advances in Neuromuscular Physiology—H. J. Ralston, Ph.D., San Francisco, by invitation.
3. Skin Disorders of the Amputee—S. William Levy, M.D., San Francisco.

### MONDAY, FEBRUARY 23

9:00—Room 404, Civic Auditorium

Joint Meeting with the Section on Industrial Medicine and Surgery

Chairman: Leonard J. Yamshon, M.D., Los Angeles

#### Panel Discussion

Traumatic Injuries to the Forearm and Hand

Moderator: David Rubin, M.D., Los Angeles

9:00—Anatomy of the Forearm and Hand—David L. Bassett, M.D., Palo Alto.

9:20—Fractures of the Forearm and Hand and Treatment—E. R. Schottstaedt, M.D., San Francisco.

9:40—Soft Tissue Injuries of the Forearm and Hand and Treatment—Donald R. Pratt, M.D., San Francisco.

10:00—Anesthesia Treatment Techniques for Injuries of the Forearm and Hand—Charles D. Anderson, M.D., Oakland.

10:20—Physical Medicine Treatment Techniques for Injuries of the Forearm and Hand—Carrie E. Chapman, M.D., Oakland.

10:40—Prosthesis and Terminal Devices for Traumatic Injuries of Forearm and Hand—Charles O. Bechtol, M.D., Los Angeles.

11:00—Round Table Discussion.

### TUESDAY, FEBRUARY 24

Noon—Main Entrance, Civic Auditorium

Vallecitos Atomic Laboratory Tour

Fee \$5.00—Tickets on sale at Registration Desk.

For program, see General Meetings.

BRING PROPER IDENTIFICATION FOR REGISTRATION

## PSYCHIATRY AND NEUROLOGY

Chairman.....Elinor R. Ives, M.D., Los Angeles  
 Secretary.....John D. Moriarty, M.D., Hollywood  
 Assistant Secretary.....Leon J. Whitsell, M.D., San Francisco



ELINOR R. IVES  
Chairman



JOHN D. MORIARTY  
Secretary

### TUESDAY, FEBRUARY 24

9:00—Room 402, Civic Auditorium

#### Neurology

- 9:00—Chairman's Address—Elinor R. Ives, M.D., Los Angeles.
- 9:15—Some Biochemical Changes in Multiple Sclerosis and the Influence of Digestive Enzymes—Clinton H. Thienes, M.D., Pasadena; and Ralph G. Skillen, D.V.M., Ruben Gomez, M.D., Sharad S. Deshpande, M.S., Ruth McCandless, A.B., and Dorothy Fish, Pasadena, all by invitation.
- 9:30—Allergic Encephalomyelitis as an Experimental Model for Multiple Sclerosis—Elizabeth Roboz, Ph.D., Stanford, by invitation.  
 Discussion by Sidney Raffel, M.D., Stanford and Knox H. Finley, M.D., San Francisco.
- 9:45—The Biochemical and Physiological Significance of Gamma-Aminobutyric Acid—Eugene Roberts, Ph.D., Duarte, by invitation.  
 Discussion by Elizabeth Roboz, Ph.D., Stanford.
- 10:00—Mechanism of Headache and Dizziness in the Cervical and Post Concussion Syndromes—Frank W. Bailey, M.D., Fresno.  
 Discussion by Cyril B. Courville, M.D., Los Angeles and Edmund J. Morrissey, M.D., San Francisco.
- 10:15—Paraphyseal (Colloid) Cysts of the Third Ventricle—Review of Ten Cases with Special Attention to Diagnostic Features—Robert C. Heaven, M.D., Los Angeles; and Ethyl F. Young, M.D., Los Angeles, by invitation.

Discussion by Cyril B. Courville, M.D., Los Angeles and John W. Hanbery, M.D., San Francisco.

- 10:30—A Reevaluation of Lumbar Puncture in the Presence of Papilledema and Intracranial Hypertension—A Study of 129 Cases—Julius Korein, Captain (MC) USAF, Travis Air Force Base; Humberto Cravioto, M.D., New York City, and Mario Leicach, M.D., New York City, all by invitation.  
 Discussion by Glen O. Cross, M.D., San Francisco.
- 10:45—The Early Prognosis of Patients with Cervical Cord Injury—Sedgwick Mead, M.D., Vallejo.  
 Discussion by Frederick A. Fender, M.D., San Francisco.
- 11:00—Experiences in Anterior Fusion and Disc Removal for Cervical Spondylosis—Robert W. Rand, M.D., Los Angeles; and Paul H. Crandall, M.D., Los Angeles.  
 Discussion by Edwin B. Boldrey, M.D., San Francisco.
- 11:15—Sciatic Stretching in the Treatment of Post-operative Pain Following Removal of Ruptured Lumbar Intervertebral Disc—John E. Adams, M.D., and Verne Inman, M.D., San Francisco.  
 Discussion by Frank Raney, Jr., M.D., San Francisco.
- 11:30—Neurological Complications of Pregnancy and Puerperium—Kenneth H. Abbott, M.D., Los Angeles; and James E. Barnes, M.D., Ohio, by invitation.  
 Discussion by Donald Macrae, M.D., San Francisco.

- 11:45—**Evaluation of Children with Organic Defects of the Nervous System**—Lawrence H. Arnstein, M.D., and Daniel W. Meub, M.D., Palo Alto.  
Discussion by Robert E. Cook, M.D., San Francisco.

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**WEDNESDAY, FEBRUARY 25**

9:00—Room 403, Civic Auditorium

**Psychiatry**

- 9:00—**Business Meeting.**

- 9:15—**Clinical Experience with a New Phenothiazine Tranquilizer (Mellaril®)**—Leo E. Hollister, M.D., Palo Alto; and Benjamin F. Macdonald, M.D., Palo Alto, by invitation.  
Discussants: Charles Freed, M.D., San Francisco and Lester Margolis, M.D., San Mateo.
- 9:35—**Chemotherapeutic Management of the Acute Phase of Narcotic Addiction: Preliminary Report**—Stuart C. Knox, M.D., Los Angeles.  
Discussant: Alfred Auerback, M.D., San Francisco.

- 10:00—**Culture and Mental Disease—With Special Reference to Thailand**—Karl M. Bowman, M.D., San Francisco.  
Discussion.

- 10:30—**Castrated Pseudohermaphrodite Transvestite**—Robert J. Stoller, M.D., Los Angeles.  
Discussant: Karl M. Bowman, M.D., San Francisco.

- 10:50—**Senior Medical Students Study Patients With the Clinical Team**—Henry F. Albronda, M.D.; Robert L. Dean, M.A., by invitation; John A. Starkweather, Ph.D., by invitation; and Stanislaus A. Szurek, M.D., all from San Francisco.

- 11:15—**A Study of Psychotherapeutic Outcome: Some Characteristics of Successfully and Unsuccessfully Treated Patients**—Hugh A. Storrow, M.D., by invitation; and Norman Q. Brill, M.D., Los Angeles.

- 11:40—**The Psychodynamics of Consummated Maternal Incest: Report of Two Cases**—C. W. Wahl, M.D., Los Angeles, by invitation.  
Discussant: Ernest G. Lion, M.D., San Francisco.

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**QUALIFICATIONS/REQUIREMENTS FOR REGISTRATION**

(a) All M.D.'s with credentials showing that they hold valid license to practice medicine. (Membership card in C.M.A.; county medical society/association or A.M.A. membership card.)

(b) Medical students will be admitted upon presentation of credentials from their medical schools identifying them as medical students. (A membership card of the Student American Medical Association or letter from their dean's office.)

(c) Medical secretaries will be admitted upon presentation of a letter from the physician employer.

(d) Pharmacist mates and other military personnel of a like grade will be admitted upon presentation of a letter requesting their admittance, written by their commanding officer.

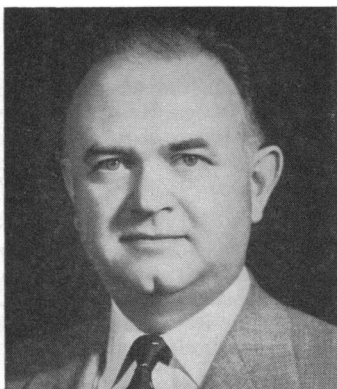
(e) Dentists (D.D.S.), doctors of veterinary medicine (D.V.M.), registered nurses (R.N.), student nurses, x-ray technicians, laboratory technicians, dietitians, allied public health personnel, and others will be admitted provided they have proper identification.

(f) *All questions on admission will be passed upon by a member of the Committee on Registration who will be present at the desk.*

**VISIT SCIENTIFIC AND TECHNICAL EXHIBITS**

## PUBLIC HEALTH

Chairman.....Gerald A. Heidbreder, M.D., Los Angeles  
Secretary.....Carolyn B. Albrecht, M.D., San Rafael  
Assistant Secretary.....Merle E. Cosand, M.D., San Bernardino



GERALD A. HEIDBREDER  
Chairman



CAROLYN B. ALBRECHT  
Secretary

### WEDNESDAY, FEBRUARY 25

2:00—Room 403, Civic Auditorium

2:00—**Rabies Prophylaxis—Problems in Management of Animal Bites**—Arthur C. Hollister, Jr., M.D., Berkeley, and Ben H. Dean, D.V.M., Berkeley, by invitation.

Discussion.

2:30—**Tetanus in California—Problems in Prevention and Control**—Philip K. Condit, M.D., Berkeley.

Discussion: Albert G. Bower, M.D., Pasadena, and Donald E. Ross, M.D., Los Angeles.

3:15—**Facts and Fallacies About Gonorrhea and Syphilis**—Warfield Garson, M.D., Chapel Hill, North Carolina, by invitation.  
Discussion.

3:40—**Recess.**

3:50—**Radiation Facts for Public Health Officers**—Reynold F. Brown, M.D., San Francisco.  
Discussion.

4:15—**Epidemiology in Social Science**—Harold D. Chope, M.D., San Mateo.  
Discussion.

4:40—**Business Meeting.**

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## EMERGENCY CALLS AND MESSAGES

Each physician should notify his own secretary regarding the *exact* section he plans to attend and the time of his attendance. It is up to the individual physician to keep his own office staff so informed. The Association will *attempt* to transmit messages to the individual physician.

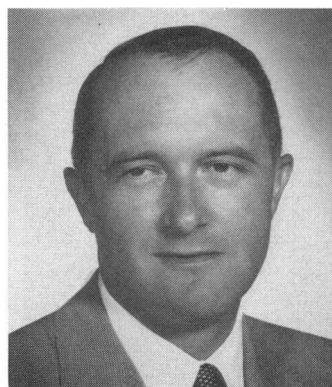
In case of emergency, when the doctor cannot be located, the call will be referred to Emergency Call Service of the local County Medical Societies.

## RADIOLOGY

Chairman.....Nathan M. Spishakoff, M.D., Los Angeles  
 Secretary.....William H. Graham, M.D., San Jose  
 Assistant Secretary.....Frank C. Binkley, M.D., Pasadena



NATHAN M. SPISHAKOFF  
Chairman



WILLIAM H. GRAHAM  
Secretary

### SUNDAY, FEBRUARY 22

9:00—Room 403, Civic Auditorium

#### Diagnostic Radiology

- 9:00—Respiratory Distress of the Newborn, Roentgen Findings—David E. Zion, M.D., Los Angeles, and Robert A. Ledner, M.D., Los Angeles, by invitation.  
 Discussion.
- 9:25—Technical Factors in the X-Ray Examination of the Small Intestine—Ross Golden, M.D., Los Angeles.  
 Discussion.
- 9:50—Recess.
- 10:00—Pseudosubluxation of the Axis in Children—H. Harlan Bleecker, M.D., and George Jacobson, M.D., Los Angeles.  
 Discussion.
- 10:25—Anatomical and Radiological Studies of the Excised Spine—Donald L. McRae, M.D., Montreal, by invitation.  
 Discussion.
- 11:10—Cineradiographic Evaluation of the Cervical Spine—Malcolm D. Jones, M.D., San Francisco.  
 Discussion.

- 11:35—Radiologic Diagnosis of Posterior Fossa Tumors—Samuel B. Haveson, M.D., San Francisco, by invitation.  
 Discussion.

- 11:55—Business Meeting and Election of Officers.

### SUNDAY, FEBRUARY 22

2:00—Room 403, Civic Auditorium

#### Therapeutic Radiology

- 2:00—Intracranial Meningeal Fibroblastomata — Donald L. McRae, M.D., Montreal, by invitation.  
 Discussion.
- 2:50—Experience with Cancer of the Lung in Females—Richard E. Ottoman, M.D., and Justin J. Stein, M.D., Los Angeles.  
 Discussion.
- 3:10—Palliation of Pelvic Pain for Recurrent Cancer Involving the Pelvis with Combined Radiation and Chemotherapy—Sydney F. Thomas, M.D., G. Melvin Stevens, M.D., and Blake C. Wilbur, M.D., Palo Alto.  
 Discussion.
- 3:30—Recess—Annual Meeting of Pacific Roentgen Society.

VISIT SCIENTIFIC AND TECHNICAL EXHIBITS

## UROLOGY

Chairman.....Ray C. Atkinson, M.D., Oakland  
 Secretary.....Earl F. Nation, M.D., Pasadena  
 Assistant Secretary.....Morrell E. Vecki, M.D., San Francisco



RAY C. ATKINSON  
Chairman



EARL F. NATION  
Secretary

### WEDNESDAY, FEBRUARY 25

9:00—Room 404, Civic Auditorium

9:00—**Pheochromocytoma, A Report of Ten Cases**—  
 Frank Hill, M.D., San Francisco, by invitation,  
 and Donald R. Smith, M.D., San Francisco.

Discussion by James M. Whisenand, M.D.,  
 La Jolla.

9:20—**Renal Hypertension Resulting from Aneurysm of the Renal Artery**—Charles Pierre  
 Mathé, M.D., San Francisco.

Discussion by John W. Dorsey, M.D., Long  
 Beach.

9:40—**Application of the Papanicolaou Technique to Follow-up Care of Tumors of the Urinary Bladder**—Joseph Presti, M.D., and Henry M.  
 Weyrauch, M.D., San Francisco.

Discussion by Michael J. Feeney, M.D., San  
 Diego.

10:00—**Etiology and Pathogenesis of Human Intersexuality**—Frederick S. Howard, M.D., San  
 Francisco.

Discussion by William Wallace Scott, M.D.,  
 Baltimore, Maryland, by invitation.

10:20—Recess.

10:30—

### Panel Discussion

#### Work-Up in Childhood Urinary Tract Infection

Moderator: Donald R. Smith, M.D., San Francisco

Members of the Panel: William Wallace Scott, M.D.,  
 Baltimore, by invitation; Henry M. Weyrauch,  
 M.D., John A. Hutch, M.D., and Bradford W.  
 Young, M.D., San Francisco; Richards P. Lyon,  
 M.D., Berkeley.

### WEDNESDAY, FEBRUARY 25

2:00—Room 404, Civic Auditorium

2:00—**Management of Early Prostatic Carcinoma**—  
 Roger W. Barnes, M.D., and, by invitation,  
 Delmont Emery, M.D., Los Angeles.

Discussion by Frank Hinman, M.D., San  
 Francisco, and Roderick D. Turner, M.D.,  
 Los Angeles.

2:30—**Prostatectomy, A Survey of Two Thousand Cases**—Philip M. Beglin, M.D., San Fran-  
 cisco, and C. Bruce Thrasher, M.D., San  
 Francisco, by invitation.

Discussion by Samuel Peck, M.D., San  
 Diego.

3:00—**Prostatic Cancer**—William Wallace Scott,  
 M.D., Baltimore, by invitation.

4:00—**Chairman's Address**—Ray C. Atkinson, M.D.,  
 Oakland.

4:15—Business Meeting and Election of Officers.

BRING PROPER IDENTIFICATION FOR REGISTRATION

# Motion Picture Program

February 22-25

Because of the ever increasing popularity of motion pictures in the field of medical teaching, the California Medical Association, this year, through the efforts of the Motion Picture Division of the Postgraduate Activities Committee, has instituted a new format. Each session will comprise subjects of one specialty and, where possible, will be a symposium of certain phases of that specialty. This year there will be a moderator and several outstanding specialists as discussants. The viewers will have an opportunity to ask questions and get authoritative answers.

The evening programs have been arranged for the enjoyment of the doctor, as well as for his wife, family, nurses, technicians and ancillary groups, with film subjects of scientific and general appeal.

*Daytime programs*—Larkin Hall, Civic Auditorium

*Evening programs*—Comstock Room, Sheraton-Palace Hotel

PAUL D. FOSTER, M.D., *Chairman*, Motion Picture Division, Committee on Postgraduate Activities, Presiding

## SUNDAY, FEBRUARY 22

9:00 a.m.—Larkin Hall, Civic Auditorium

### Film Symposium on Proctology

Panel:

Moderator: Russell R. Klein, M.D.

Authors: Malcolm R. Hill, M.D.; David Miller, M.D.

#### 9:00—Anorectal and Sigmoidoscopic Examination with Differential Diagnosis—Malcolm R. Hill, Los Angeles.

This film stresses the value of routine anorectal and sigmoidoscopic examination. The technique is well outlined and demonstrated by animation. Disease entities are demonstrated; double contrast barium enema study is well illustrated. The physician's responsibility and legal medicine are emphasized. Sound, color, 30 minutes.

#### 9:40—Hemorrhoids and the Early Detection of Rectal Cancer—A. Lawrence Abel and H. Gordon Ungley, London.

This film is an introduction to the subject showing anatomy of the anorectal area and depicting the routine examination by digital and proctoscopic examination, minor surgery and terminating with x-ray of the pelvis. Sound, 24 minutes.

#### 10:14—Techniques of Proctoscopy—Raymond J. Jackman and Edward R. Morgan, Mayo Clinic, Rochester, Minnesota.

Demonstrates on a sagittal section of the pelvis, as well as endoscopic photographs on a live model, the technique of passing the proctoscope. Sound, color, 17 minutes.

#### 10:41—"Melena"—David Miller, College of Medical Evangelists, Los Angeles.

Method of passage of sigmoidoscope in cadaver and in live patient. Various shades of blood in rectum and lower sigmoid, their meaning, x-ray views of lesions causing bleeding. Silent, with discussion by author, 21 minutes.

#### 11:12—The Thiersch Wiring for Massive Rectal Prolapse—Robert Turell, New York.

This film shows the technique of the Thiersch Operation as modified by Dodd. The operative procedure is illustrated first diagrammatically by means of black and white illustrations, then by color photography of the actual operation. Silent, 15 minutes.

## SUNDAY, FEBRUARY 22

2:00 p.m.—Larkin Hall, Civic Auditorium

### Film Symposium on Obstetrics and Gynecology

Panel:

Moderator: C. Frederic Fluhmann, M. D.

Specialists: Robert S. Pollack, M.D.; Albert E. Long, M.D.; Edmund Anderson, M.D.; H. W. Seiger, M.D.

#### 2:00—The Complete Office Gynecological Examination—Frederick Hofmeister, Milwaukee.

Demonstrates what constitutes a complete gynecological examination, which includes Papanicolaou smear, endometrial biopsy, examination of the breasts, rectal-vaginal-abdominal examination and cervical biopsy. Sound, color, 17 minutes.

#### 2:27—Safe and Conservative Treatment of Lesions of the Female Breast—W. Emory Burnett, Philadelphia.

The safe substitution of aspiration for biopsy in fibrocystic mastitis is shown as is the ease and simplicity of this maneuver, and the adequate exposure of the transverse (Stewart) incision for radical mastectomy. Sound, 32 minutes.

#### 3:09—Cystectomy for Ovarian Dermoids — Technique of Victor Bonney—Phil C. Schreier and Albert M. Alexander, Memphis, Tenn.

Presents actual operations salvaging the outer capsule of the ovarian cyst. Diagnosis of the dermoid cyst; reconstruction of the ovary is demonstrated. Sound, 25 minutes.

#### 3:44—Vaginal Repair of Urethro-Vaginal Fistula—James W. Merricks, Burnell V. Reaney, Clarence C. Close and Frank B. Papierniak, Highland Park, Illinois.

Discusses etiology and frequency of urethro-vaginal fistulas, surgical repair, illustrated by descriptive drawings. Sound, 22 minutes.

#### 4:11—Low Cervical Cesarean Section—Robert B. Wilson, Rochester, Minn.

This film illustrates the technique for local anesthesia for the performance of the operation. A cesarean section is then performed—special features. Sound, 20 minutes.

#### 4:36—Cold Coning of the Uterine Cervix—H. Wright Seiger, Santa Monica.

Cold coning of the uterine cervix with the Seiger Coning Knife is shown in two operations. Also shown is the Coagsuc, a suction tube with a coagulating tip. Sound, color, 20 minutes.



## SUNDAY, FEBRUARY 22

8:00 p.m.—Comstock Room, Sheraton-Palace Hotel

### For Nurses, Technicians, Ancillary Medical Personnel, Physicians and Their Wives

#### 8:00—The Miracle of Reproduction—Sid Davis Productions.

This film shows the similarities in the growth and development of fish, chickens, cows, and human beings. It includes a sequence showing the growth of the human baby within the mother's body and the birth of the child. Sound, 15 minutes.

#### 8:15—The Antibiotics and Terramycin.

Reviews the role of various antibiotics in counteracting pathogens. Discusses side effects, indications, criteria of usefulness, resistance and these factors as they apply to Terramycin. Sound, color, 22 minutes.

#### 8:37—High Blood Pressure—American Heart Association.

Explains blood pressure and the conditions underlying hypertension. Sketches treatment that a physician may prescribe. Animation. Sound, color, 7 minutes.

#### 8:44—Strokes—American Heart Association.

Discusses physiology and conditions underlying strokes, effects and possibilities of recovery. Animation. Sound, color, 6 minutes.

#### 8:50—Varicose Veins—American Heart Association.

Describes largely in animation, the causes and treatment of Varicose Veins. Sound, color, 7 minutes.

#### 8:57—Intermission.

#### 9:07—The Heart Crippler—A University of Kansas Television Production. Produced by David S. Ruhe, M.D., and Bruce A. Linton, Ph.D., with the collaboration of the Children's Convalescent Center for Rheumatic Fever, the Kansas City-West Central Missouri Heart Association.

The film describes the symptoms and course of rheumatic fever, the diagnostic and therapeutic treatment procedures used and the medical and social problems attendant to it. Sound, 28 minutes.

#### 9:35—The Mantle of Protection—Filmed at Irvington House, Irvington-on-Hudson, New York, under the technical supervision of Gene H. Stollerman, M.D., then Medical Director, Irvington House.

Aims to heighten awareness of the importance of the early diagnosis, treatment, and prevention of rheumatic fever. Sound, 29 minutes.

## MONDAY, FEBRUARY 23

9:00 a.m.—Larkin Hall, Civic Auditorium

### Film Symposium on Hypertension

Panel:

Moderator: Daniel Gorman, M.D.

Specialists: Norman Sweet, M.D.; Joseph Kaufman, M.D.; Robert Crede, M.D.

#### 9:00—Vascular Headache—Henry D. Ogden, New Orleans.

Reports findings of a survey of 4634 persons. Some of the topics covered are: frequency, incidence, pathological physiology, associated symp-

toms and typical vascular disturbances, trigger and predisposing causes, sensitization causes, and drugs used in treatment. Sound, 14 minutes.

#### 9:24—The Jugular Venous Pulse—Paul Wood, London.

The object of this film is to stress the wealth of clinical information that is obtained by observing carefully the wave form of the venous pulse, and its practical bedside application. Sound, 21 minutes.

#### 9:55—Portal Hypertension — Telfer B. Reynolds, A. G. Redeker, A. C. Pattison, W. Mikkelsen, U.S.C. School of Medicine.

Demonstrates the medical techniques used in the diagnosis and evaluation of portal hypertension, the surgical approach to the problem and the results of surgical prescription. Sound, kinescope, 60 minutes.

#### 11:05—Edema and Mercurial Diuresis—Arthur C. DeGraff, Herbert S. Kupperman, Robert A. Lehman, Alfred Vogl.

This film presents the mechanisms of edema, their relationship to congestive heart failure, and the therapeutic role of the mercurial diuretics in controlling the process. Sound, color, 12 minutes.

## MONDAY, FEBRUARY 23

7:30 p.m.—Comstock Room, Sheraton-Palace Hotel

### For Nurses, Technicians, Ancillary Medical Personnel, Physicians and Their Wives

#### 7:30—Anterior Disk Removal and Spinal Fusion in Cervical Disk Disease—Robert W. Rand and Paul H. Crandall, Los Angeles.

This film illustrates the operative technique in removing diseased intervertebral cervical disks by an anterior approach rather than the standard laminectomy. With this method, the transverse hypertrophic ridges and interforaminal osteophytes can be removed safely. The operation is concluded by a dowel type of interbody spinal fusion. Fluorocinematographic studies of cervical vertebrae before and after surgery will be demonstrated. Color, 20 minutes.

#### 7:50—The Man Who Didn't Walk—Produced by the American Medical Association and the American Bar Association.

This film is on the subject of traumatic neurosis. Color, sound, 30 minutes.

#### 8:20—After Mastectomy—American Cancer Society, Oregon Division.

Presents problems of helping patients to readjust emotionally and physically after mastectomy. Sound, color, 19 minutes.

#### 8:39—Immediate Postoperative Care—Frank Glenn, John M. Beal and Joseph Artusio, Jr., New York.

This film shows a wide variety of procedures, equipment, drugs, and special skills required to provide patients with the same caliber of care during the immediate postoperative period that they received during the operation. Sound, color, 27 minutes.

#### 9:06—Intermission.

#### 9:16—Home Care for Respirator Patients—John E. Affeldt, Enid Callahan and Donovan J. Perkins, Rancho Los Amigos Hospital.

The film presents a program for return home of the severely involved poliomyelitic patient using respirator aids. It shows the basic requirements of preplanning, home investigation, and post-discharge follow-up. Sound, 14 minutes.

9:30—**Horizons of Hope**—Sloan-Kettering Institute.  
A live-action animation film showing the intense research program being conducted by the Sloan-Kettering Institute to find a cure for cancer. Sound, color, 18 minutes.

9:48—**Someone is Watching (Careless Handling of Narcotics)**—New York State Department of Health.

The purpose of this film is to call attention to the various ways in which legal narcotics through carelessness fall into the hands of dope addicts and peddlers. Sound, 14 minutes.

## TUESDAY, FEBRUARY 24

9:00 a.m.—Larkin Hall, Civic Auditorium

### Film Symposium on Emergencies in Medicine

Moderator: Francis E. West, M.D.

Specialist: Burt Halter, M.D.

9:00—**Emergency Surgery for the Acutely Injured**—James D. Hardy, Jackson, Mississippi.

The purpose of this film is to emphasize considerations in the management of head, thoracic, abdominal and extremity injuries. It demonstrates the neurologic survey, exploratory thoracotomy, examination of urine and feces in possible urinary or colon wounds, and suture of a femoral artery. Sound, 34 minutes.

9:39—**Wounds of the Extremities—Debridement, Part II**—Department of the Army.

Describes techniques used in effective debridement of soft tissue wounds. Demonstrates the techniques used in cleaning wounds, and removing devitalized tissue and other foci of infection. Sound, 33 minutes.

10:17—**Early Management of the Severely Burned Patient**—Edwin H. Ellison and Roger D. Williams, Columbus, Ohio.

Presents, in sequence, the important steps in managing the severely burned patient. Discusses prevention of infection, and the treatment of shock. Interim care to the time of the first grafting is given. Sound, 30 minutes.

10:52—**Principles of Artificial Respiration**—James C. Whittenberger, Benjamin G. Ferris, Jr., Jere Mead, Boston.

Illustrates the basic physiological principles necessary to evaluate various types of manual and mechanical artificial respiration. Sound, 29 minutes.

11:26—**Resuscitation for Cardiac Arrest**—Claude S. Beck, Cleveland.

This film was planned to stimulate adequate instruction of personnel in all hospitals where major surgery is done to be prepared to take care of the problem of cardiac arrest as soon as it occurs. Sound, color, 18 minutes.

## TUESDAY, FEBRUARY 24

2:00 p.m.—Larkin Hall, Civic Auditorium

### Film Symposium on Dermatology

Panel:

Moderator: Rees B. Rees, Jr., M. D.

Specialists: John Epstein, M.D.; Arthur E. Smith, M.D., D.D.S.; Justin Stein, M.D.

2:00—**Dermatologic Office Procedures for the General Practitioner**—Gerald M. Frumess, Egbert I. Henschel, Henry M. Lewis, Denver.

Dermatological procedures that the physician may safely use in his office practice are shown including electrosurgical and surgical removal of benign skin tumors, methods of biopsy, the use of solid carbon dioxide, patch testing, application of Unna's paste boot, and similar procedures. Sound, color, 30 minutes.

2:40—**Moles and Melanoma**—Bureau of Medicine and Surgery, U. S. Navy.

The structure and skin cells of benign and cancerous moles are illustrated by animation. Shows the ineffective results with improper removal of a mole and the procedures that insure good results. Sound, color, 8 minutes.

2:58—**Oral Cancer: The Problem of Early Diagnosis**—American Cancer Society and National Cancer Institute.

Clinical material illustrates early lesions of the tongue, floor of the mouth, gingiva, cheek, palate, and lip. The technique of biopsy and the method of thorough oral examination are illustrated. Sound, color, 32 minutes.

3:40—**Correction of Advanced Rhinophyma by Means of Plastic Reconstructive Surgery—A New Technique**—Arthur E. Smith, Los Angeles.

The film depicts the detailed surgical technique, utilizing a full-thickness skin graft, surgical mechanics and applied sculpturing, in a patient with advanced rhinophyma. It also includes the pre-operative conditions and postoperative results of five similar cases. Silent film, color, 40 minutes.

4:30—**Studies on Urine Porphyrin Excretion with Clinical Illustrations of Porphyria Cutanea Tarda**—R. E. Sterling, A. G. Redeker, Los Angeles.

A discussion of porphyrin biochemistry is presented. A brief discussion of porphyrin laboratory methods is made. An interesting case of acute porphyria with laboratory and genetic studies is presented. Sound, 23 minutes.

## TUESDAY, FEBRUARY 24

8:00 p.m.—Comstock Room, Sheraton-Palace Hotel

### For Nurses, Technicians, Ancillary Medical Personnel, Physicians and Their Wives

8:00—**Human Cell and the Cytotechnologist.**

A science film about the human cell, and the new scientific career opened up by the increasing use of cell study as a means of cancer detection. 22 minutes.

8:22—**Circulation of the Blood**—American Heart Association.

Describes by animation the anatomy of the heart, pulmonary and systemic circulatory systems, and the function of the capillaries. 7 minutes.

8:29—**Congenital Heart Defects**—American Heart Association.

An animated film describing the more common congenital defects and what the medical profession is now able to do for them. 7 minutes.

8:36—**Breath of Life**—John Sutherland Productions, Los Angeles.

Shows the use of oxygen in hospitals for therapeutic purposes. Done in cartoon animation. Sound, color, 13 minutes.

**8:49—Human Gastric Function—Stewart Wolf, Oklahoma City, Oklahoma.**

Reports on a unique patient with extensive gastric fistula. Insight was gained into the stomach's complex responses to different psychological states and stresses. Sound, 19 minutes.

**9:08—Intermission.**

**9:18—Out of Darkness.**

This film probes deeply into the world of mental patients and mental hospitals. Medical narration by Dr. William C. Menninger and dramatic reading by Orson Welles. Sound, 60 minutes.

**WEDNESDAY, FEBRUARY 25**

9:00 a.m.—Larkin Hall, Civic Auditorium

**Film Symposium on Cardio-Vascular Diagnosis and Cardiac Surgery**

Panel:

Moderator: Robert Gentry, M.D.

Authors: George C. Griffith, M.D.; Frank Gerbode, M.D., John F. Higginson, M.D.; Charles A. Kruse, M.D.; Jerome Harold Kay, M.D.

**9:00—Procedures in the Diagnosis of Cardiovascular Diseases—George C. Griffith.**

Discussion of rheumatic fever cases, diagnosis and management of a case of rheumatic mitral stenosis, pointing out auscultatory, electrocardiographic, phonocardiographic, vectorcardiographic, ballistocardiographic and fluoroscopic findings. Cardiac catheterization is demonstrated. The story structure is designed to develop interest in the subject of cardiology. Sound, color, 32 minutes.

**9:41—Median Sternotomy and Elective Arrest for Open Cardiac Surgery—Frank Gerbode, Stanford Hospital, San Francisco.**

A series of intracardiac malformations will be shown as exposed through a median sternotomy. In a number the heart is put into elective arrest with potassium citrate while the defect is repaired. Details of technique will be shown. Color, 26 minutes.

**10:16—Complete Correction of the Tetralogy of Fallot—Jerome Harold Kay, Los Angeles.**

Shows the correction of tetralogy of Fallot which includes closing the ventricular septal defect, correction of the overriding of the aorta and removal of the infundibular stenosis. Sound, color, 21 minutes.

**10:30—Pericardiectomy for Chronic Constrictive Pericarditis—John F. Higginson, Santa Barbara.**

This film demonstrates pericardiectomy in a typical advanced case of chronic constrictive (calcified) pericarditis via a sternal splitting approach and shows the need for total pericardiectomy except for a very small remnant left on the posterior aspect of the heart. Color, 13 minutes.

**10:52—The Surgical Treatment of Arteriosclerotic Occlusive Disease—Charles A. Kruse, Santa Monica, California.**

This is a film showing the technique of thromboendarterectomy of the distal aorta and iliac

arteries for arteriosclerotic occlusive disease (Leriche syndrome). The indications and results with the use of thromboendarterectomy in selected cases. Sound, color, 18 minutes.

**11:19—Disorders of the Heartbeat—American Heart Association.**

This film deals with the mechanism, diagnosis and clinical significance of the more common arrhythmias: premature beats, paroxysmal tachycardia, fibrillation, flutter and heart block. Animations, sound, color, 20 minutes.

**WEDNESDAY, FEBRUARY 25**

2:00 p.m.—Larkin Hall, Civic Auditorium

**Film Symposium on General Surgery**

Panel:

Moderator: Edwin G. Clausen, M.D.

Specialists: Wiley Barker, M.D.; Robertson Ward, M.D.; Carlton Matthewson, M.D., Robert Rand, M.D.

**2:00—The Surgical Management of Calcific Pancreatitis—Robert J. Coffey, Georgetown University, Washington, D. C., and John A. Bollinger, Reseda, California.**

The concept that in Calcific Pancreatitis, the calcareous material is intra-ductal is presented. The surgical procedures are included, with roentgenological demonstration, pathologic specimens, and pre- and postoperative radioactive blood lipid studies. Sound, color, 23 minutes.

**2:33—Surgical Repair of Ileovesical and Ileosigmoid Fistula Due to Terminal Ileitis—Wiley F. Barker, Willard E. Goodwin, Chester Winter, all of UCLA Medical Center, Los Angeles.**

An ileovesical fistula due to terminal ileitis is approached by the transvesical route. The advantage of this exposure is demonstrated, inflammatory mass is mobilized and the ileosigmoidal connection identified without harm to the sigmoid. Color, 18 minutes.

**3:01—Cholecystectomy and Operative Cholangiography—Joel W. Baker and John H. Walker, Seattle, Wash.**

Illustrates the radiographic and operative techniques required for operative cholangiography, cholecystectomy and choledochostomy. The methods of intubating the common duct and teamwork involved in the actual taking and interpretation of radiographs is shown. Sound, 36 minutes.

**3:47—Choledochojejunostomy for Restoration of Biliary Drainage—Charles G. Child II and Arthur J. Donovan, Boston.**

Illustrates importance of restoration of biliary drainage after injury to the common duct, demonstrating the difficult surgical problem involved. Sound, 30 minutes.

**4:27—Chemothalamectomy for Parkinson's Disease—Robert W. Rand, Los Angeles.**

The film depicts the operative technique for chemothalamectomy. A cinematographic study of the pre- and postoperative status of the Parkinsonian patients is given. Color, 15 minutes.

## Scientific Exhibits

Main Arena, Civic Auditorium

**Surgical Treatment of Cervical Osteo-Arthritis**—Paul H. Crandall, M.D., Robert W. Rand, M.D., William N. Hanafee, M.D. and James Davis, M.D., Los Angeles.—Four major panels depicting (a) neurological manifestations, (b) roentgenographic manifestations, (c) recent advances in surgical treatment (Cloward technique).

**Psychotropic Drugs; Their Use in Pediatrics**—Leon Oettinger, Jr., M.D., San Marino.—Three panels: (a) diagram of relation between epilepsy, behavior disorders, mental retardation and cerebral palsy, with electroencephalograms illustrating each group; (b) illustrative examples of Bender-Gestalt Tests, IQ tests emphasizing sub-group spreads, and Good-enough Draw-A-Man tests; (c) examples of before and after therapy.

**Alcoholic Brain Disease**—A. E. Bennett, M.D., Berkeley; and G. Lawrence Mowery, Berkeley, by invitation.—A study of 227 cases of chronic alcoholism. Electroencephalographic findings in various stages of alcoholism especially the early diagnosis of alcoholic brain disease are shown. Combined electroencephalography, pneumoencephalography and psychodiagnostic testing discloses an intermediate stage of brain pathology between the acute and chronic stages. This stage is reversible but is frequently misdiagnosed as a psychogenic disorder.

**Human Extra-Ocular Electromyography** — Arthur Jampolsky, M.D., and Edward Tamler, M.D., San Francisco; and Elwin Marg, Ph.D., Berkeley, by invitation.—The exhibit shows relation of ocular electromyography to other electro-physiological techniques, the technique of ocular electromyography and examples of results.

**Surgical Removal of Tumors About the Face with Primary Reconstruction**—Joel J. Pressman, M.D., Los Angeles; Ralph Byron, M.D., Duarte; and Mildred Burtz Simon, Los Angeles, by invitation.—The exhibit is a series of operative photos in color demonstrating the steps in the removal of various tumors of the face, ears and lips. The material is of unusual photographic excellence and numerous stages of each technique are shown.

**Continued Complaints Following Cholecystectomy**—C. Allen Wall, M.D., by invitation, and T. J. Whalen, M.D., San Francisco.—Selected for study from 3,642 patients hospitalized with biliary tract disease are 142 patients who continued to have complaints referable to the biliary system. Transparencies with descriptive legends and artist's illustrations depict the normal anatomy and physiology of the biliary tree, the alterations with disease, and the adjustments following operation. The causes of persistent symptomatology are cited.

**Management of Gastric Ulcer**—William H. Bachrach, M.D., Los Angeles.—The exhibit shows various possible results of therapeutic tests in gastric ulcer and indications based on these results.

**The Pulmonary Coin Lesion—Its Significance**—Jack M. Mosely, M.D., Santa Barbara.—Charts showing percentage, various types of coin lesions, mounted x-rays in cabinets, photomicrographs, and photographs of specimens.

**Volumetric, Gravimetric and Radio-Isotopic Determination of Fluid Transfer in Transurethral Prostatectomy**—Robert J. Prentiss, M.D., San Diego; and Robert H. Taylor, M.D., Oakland, E. S. Maxson, M.D., El Centro and Frank H. Carter, M.D., San Diego, all three by invitation.—This study is concerned with the actual quantities of fluid that can be absorbed through the prostatic veins during the transurethral removal of prostatic obstruction.  $\text{NaI}^{131}$  was used to tag the irrigating fluid. The actual absorption was determined by weighing the patient, measuring the irrigating fluid volume changes, and direct detection of the radioactivity of the patient by means of a scintillator head placed over the heart, rate count meter, and an Esterline-Angus recorder. Charts, graphs and photographs depict materials, methods and conclusions.

**Early (Pre-Leukemic) Stage of Leukemia**—Michael A. Rubinstein, M.D., Beverly Hills.—Hematologic and clinical studies in a series of patients during the early (pre-leukemic) phase of leukemia, before the onset of recognizable leukemia; diagnostic importance in obscure syndromes.

**Bilateral Primary Bronchogenic Carcinoma**—Shirley A. Howard, M.D., Oakland, by invitation.—Seven translite photographs (x-rays and photomicrographs) and illuminated case histories and descriptive material.

**Emergency Care of the Eye**—Leo L. Mayer, M.D., Jackson, Mississippi, by invitation.—8 x 10 black and white photographs with large legends showing care of patient, medication, instruments and methods including illumination and magnification.

**The Outflow Tract of the Lower Extremity in Vascular Disease**—Andrew G. Sharf, M.D., and Earle D. Acker, M.D., Glendale.—Demonstration of various types of outflow tract disease of the lower extremity as related to different arterial disease conditions. A correlation of x-ray findings and clinical experience based on varieties of outflow tract obstruction, etiology of obstruction, location of obstruction, patterns of collateral circulation, prognostic values of diagnostic studies such as back-flow pressures and plethysmographic data, treatment of various vascular obstructions and results obtained.

# **WOMAN'S AUXILIARY to the CALIFORNIA MEDICAL ASSOCIATION**

**Twenty-Ninth Annual Convention, February 22 to 24, 1959**

**Headquarters: Sheraton-Palace Hotel, San Francisco**



**MRS. NEWELL JONES, President**



**MRS. THEODORE A. POSKA, President-Elect**

**Convention Chairman: MRS. J. CLIFFORD LONG**

## **REGISTRATION**

**South Lobby**

**Sunday, February 22—9:00 a.m. to 4:00 p.m.**

**Monday, February 23—8:30 a.m. to 4:00 p.m.**

**Tuesday, February 24—8:30 a.m. to 11:00 a.m.**

## **SUNDAY, FEBRUARY 22**

**8:30 a.m.—Executive Committee breakfast meeting, Room 2062.**

**9:30 a.m.—Annual Report of the Women's Auxiliary by the President, Mrs. Newell Jones, to the California Medical Association, House of Delegates, Concert Room. Auxiliary members and doctors' wives are invited to attend.**

**10:45 a.m.—Pre-Convention Board Meeting, Room 2014.**

**6:00 to 7:30 p.m.—Reception honoring Mrs. Francis E. West, wife of the President of the California Medical Association and Mrs. Newell Jones, President of the Woman's Auxiliary to the California Medical Association, Gold Ball Room. All doctors and their wives are cordially invited.**

## **MONDAY, FEBRUARY 23**

**9:30 a.m.—First Business Session of the 29th Annual Meeting, Rose Room. Mrs. Newell Jones, presiding.**

**12:30 p.m.—Luncheon, Past State Presidents, Room 2062.**

**2:15 p.m.—Second Business Session, Rose Room.**

## **TUESDAY, FEBRUARY 24**

**9:00 a.m.—Third Business Session, Concert Room. Mrs. Newell Jones, Presiding.**

**12:45 p.m.—Luncheon in honor of Mrs. Newell Jones and Mrs. Theodore A. Poska; Members of the State Advisory Board and Past State Presidents, Rose Room.**

**3:00 p.m.—Post Convention Board Meeting, Room 2014. Mrs. Theodore A. Poska, presiding.**

**8:00 p.m.—Dinner and Ball honoring the California Medical Association President, Dr. Francis E. West, Garden Court. Formal dress optional.**

# House of Delegates Agenda

## 1959 Annual Session

Concert Room, Sheraton-Palace Hotel

Speaker.....James C. Doyle, Beverly Hills  
Vice-Speaker.....Ivan C. Heron, San Francisco  
Secretary.....Albert C. Daniels, San Francisco

### FIRST MEETING

Sunday, February 22, at 9:30 a.m.

#### ORDER OF BUSINESS

1. Call to order.
2. Report of Committee on Credentials, and Organization of the House of Delegates.
3. Roll call.
4. Announcement and approval of Reference Committees.
  - (a) Committee on Credentials. (Delegates must register with the Committee.)
  - (b) Reference Committee on the Reports of Officers, the Council, the Commissions, and Standing and Special Committees. (Reference Committee No. 1.)
  - (c) Reference Committee on Finance, to review the reports of the Secretary and the Executive Secretary and to study and make recommendations to the House of Delegates on the budget submitted by the Council and the amount of dues for the ensuing year. (Reference Committee No. 2.)
  - (d) Reference Committee on Resolutions and New and Miscellaneous Business. (Reference Committee No. 3.)
  - (e) Reference Committee (No. 3A) on Resolutions and New and Miscellaneous Business.
  - (f) Reference Committee on Amendments to the Constitution and By-Laws. (Reference Committee No. 4.)
  - (g) Reference Committee on C.P.S. Business.
5. Address by President of the Woman's Auxiliary to the C.M.A.—Mrs. Newell Jones, Encino.
6. Address by President Francis E. West—Presentation of 50-Year Awards.
7. Miscellaneous announcements by the Speaker. (Stenographic service to secure copies of resolutions, etc.)
8. Report of the President—Francis E. West.
9. Report of the President-elect—T. Eric Reynolds.
10. Report of the Speaker of the House of Delegates—James C. Doyle.
11. Report of the Vice-Speaker of the House of Delegates—Ivan C. Heron.
12. Report of the Trustees of the California Medical Association—Francis E. West, President.
13. Report of Physicians' Benevolence Fund, Inc.—Francis E. West, President.
14. Report of the Secretary—Albert C. Daniels.
15. Report of the Editor—Dwight L. Wilbur.
16. Report of the Executive Secretary—John Hunton.
17. Report of Legal Counsel—Peart, Baraty and Hassard.
18. Report of the Advisory Committee for Emergency Action.
19. Report of the Council—Donald D. Lum, Chairman.
20. Reports of District Councilors.
21. Report of C.P.S. Board of Trustees—A. A. Morrison, President.
22. Reports of Commissions.
  - (a) Cancer Commission—David A. Wood.
  - (b) Commission on Medical Education—Albert C. Daniels.
    - (1) Committee on Maternal and Child Care—James W. Ravenscroft.
    - (2) Committee on Medical Education and Hospitals—Walter E. MacPherson.
    - (3) Committee on Postgraduate Activities—Edward C. Rosenow, Jr.
  - (c) Commission on Medical Services—Francis J. Cox.
    - (1) Committee on Fees—H. Dean Hoskins.
    - (2) Committee on Government Financed Medical Care—John M. Rumsey.
      - (a) Liaison Committee to State Department of Social Welfare—Donald C. Harrington.
    - (3) Committee on Indigent and Aged—Thomas N. Elmendorf.
    - (4) Committee on Medical Economics—Robert Shelton.
    - (5) Committee on Rehabilitation—Francis M. McKeever.
  - (d) Commission on Professional Welfare—Arthur A. Kirchner.
    - (1) Committee on Health and Accident Insurance—Homer C. Pheasant.
    - (2) Medical Review and Advisory Board—Arthur A. Kirchner.
  - (e) Commission on Public Health and Public Agencies.
    - (1) Division I for Public Agencies—Warren L. Bostick.
      - (a) Committee on Mental Health—Stuart Knox.

- (b) Committee on Other Professions—Wayne Pollock.
  - (c) Committee on State Medical Services—Warren L. Bostick.
  - (d) Committee on Veterans Affairs—Charles B. Hudson.
  - (2) Division II for Community Health Services—James C. MacLaggan.
    - (a) Committee on Allied Health Agencies—James C. MacLaggan.
    - (b) Committee on Blood Banks—Andrew M. Henderson, Jr.
    - (c) Committee on Civil Defense and Disaster—Justin J. Stein.
    - (d) Committee on Industrial Health—Jerome W. Shilling.
    - (e) Committee on Rural Health—Robb Smith.
    - (f) Committee on School Health—Charles L. Branthaver.
  - (f) Commission on Public Policy—Dan O. Kilroy.
    - (1) Committee on Legislation—Dan O. Kilroy.
    - (2) Committee on Public Relations—Malcolm S. Watts.
  - (g) Judicial Commission—Donald A. Charnock.
23. Reports of Standing Committees.
- (a) Committee on Finance—Ivan C. Heron.
  - (b) Committee on Scientific Work—Albert C. Daniels.
  - (c) Medical Executives Conference—John Hunton.
24. Reports of Special Committees.
- (a) Committee on History and Obituaries—J. Marion Read.
  - (b) Constitution Study Committee—Sam J. McClendon.
  - (c) Delegates to the A.M.A.—Donald Cass.
25. Old and unfinished business.
- (a) Constitutional amendment No. 1.
  - (b) Constitutional amendment No. 2.
  - (c) Constitutional amendment No. 3.
  - (d) Constitutional amendment No. 4.
  - (e) Constitutional amendment No. 5.
  - (f) By-Law amendment No. 1.
26. New Business.

## SECOND MEETING

**Wednesday, February 25, at 9:30 a.m.**

### ORDER OF BUSINESS

1. Call to order.
2. Supplemental report of Credentials Committee.
3. Roll call.
4. Secretary's announcement of Council's selection of time and place for the 1959 annual session.
5. Election of officers:
  - (a) President-elect.

- (b) Speaker.
- (c) Vice-speaker.
- (d) Councilors (three-year terms):
  - (1) Second District—Omer W. Wheeler, Riverside (term expiring).  
*Second District*—Imperial, Inyo, Mono, Orange, Riverside, and San Bernardino counties.
  - (2) Third District—Office No. 1—Malcolm C. Todd, Long Beach (term expiring).
  - (3) Third District—Office No. 4—Arthur A. Kirchner, Los Angeles (term expiring).  
*Third District*—Los Angeles county.
  - (4) Fourth District—Robert O. Pearman, San Luis Obispo (term expiring).  
*Fourth District*—San Luis Obispo, Santa Barbara and Ventura counties.
  - (5) Seventh District—Samuel R. Sherman, San Francisco (term expiring).  
*Seventh District*—San Francisco county.
  - (6) Tenth District—Ralph C. Teall, Sacramento (term expiring).  
*Tenth District*—Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo, and Yuba counties.
- (e) Delegates to the American Medical Association: Delegates and Alternates to the American Medical Association are elected for terms of two calendar years. The Delegates and Alternates to be elected at this meeting will serve for two calendar years starting January 1, 1960.  
Incumbents:
  - (1) Henry Gibbons, III, San Francisco (term expiring).
  - (2) Sam J. McClendon, San Diego (term expiring).
  - (3) Eugene F. Hoffman, Los Angeles (term expiring).
  - (4) John W. Green, Vallejo (term expiring).
  - (5) L. A. Alesen, Los Angeles (term expiring).
  - (6) Frank A. MacDonald, Sacramento (term expiring).
  - (7) Paul D. Foster, Los Angeles (term expiring).
  - (8) Donald A. Charnock, Los Angeles (term expiring).
- (f) Alternates to the American Medical Association:
  - (1) Claude P. Callaway, San Francisco (alternate to Henry Gibbons III).
  - (2) John M. Rumsey, San Diego (alternate to Sam J. McClendon).
  - (3) Gerald W. Shaw, Santa Monica (alternate to Eugene F. Hoffman).
  - (4) Warren L. Bostick, Mill Valley (alternate to John W. Green).
  - (5) J. B. Price, Santa Ana (alternate to L. A. Alesen).
  - (6) J. E. Vaughan, Bakersfield (alternate to Frank A. MacDonald).
  - (7) Arthur A. Kirchner, Los Angeles (alternate to Paul D. Foster).
  - (8) Carl M. Hadley, San Bernardino (alternate to Donald A. Charnock).

**EIGHTY-EIGHTH ANNUAL SESSION**

6. Election of C.P.S. Trustees (three-year terms) :  
Report of C.M.A. Council as Nominating Committee.  
Incumbents:
  - (a) Bert Halter, San Francisco.
  - (b) Paul I. Hoagland, Pasadena.
  - (c) Mr. Guy W. Wadsworth, Jr., Los Angeles.
  - (d) Leon O. Desimone, Los Angeles (ineligible for re-election).
  - (e) Merlin L. Newkirk, Downey (ineligible for re-election).
7. Announcement by Secretary.  
Council's nominations of members of Commissions and Committees (for approval by the House of Delegates).
8. Reports of Reference Committees:
  - (a) Reports of Reference Committee No. 1 on Reports of Officers, the Council, Commission and Standing and Special Committees.
  - (b) Report of Reference Committee No. 2 on Reports of the Secretary, the Executive Secretary, and the budget and dues.
  - (c) Report of Reference Committee No. 3 on Resolutions and New and Miscellaneous Business.
  - (d) Report of Reference Committee No. 3A on Resolutions and New and Miscellaneous Business.
  - (e) Report of Reference Committee No. 4 on Amendments to the Constitution and By-Laws.
  - (f) Report of Reference Committee on C.P.S. Business.
9. Unfinished Business.
10. New Business.
11. Presentation of Officers:
  - President.
  - President-elect.
  - Speaker.
  - Vice-speaker
12. Presentation of certificate to retiring president—Francis E. West.
13. Approval of minutes. (Committee to edit.)
14. Adjournment.

JAMES C. DOYLE, *Speaker*

ALBERT C. DANIELS, *Secretary*

### BY-LAW AMENDMENT OFFERED

One By-Law amendment was offered at the April session of the House of Delegates by Reference Committee No. 4, the committee to consider proposed amendments to the Constitution and By-Laws. Since all proposed amendments to the By-Laws are required to lie on the table for 24 hours before being acted upon, this amendment must await the next regular session of the House of Delegates before it can be voted upon. The proposed amendment to the By-Laws reads as follows:

#### AMENDMENT TO BY-LAWS

By-Law Amendment No. 1.

Author: J. B. Price.

Representing: Reference Committee No. 4.

**Resolved,** That Chapter VII, Section 1, of the By-Laws be amended as follows:

First, delete subsection (b) and insert

“(b) *Commission on Public Health*, responsible for the activities of and through which the following standing committees shall report:

1. Committee on Rural and Community Health,
2. Committee on School Health,
3. Committee on Mental Health,
4. Committee on Industrial Health.

“(c) *Commission on Public Agencies*, responsible for the activities of and through which the following standing committees shall report:

1. Committee on Military Affairs and Civil Defense,

2. Committee on State Medical Services,
3. Committee on Veterans Affairs,
4. Committee on Other Professions,
5. Committee on Blood Banks,
6. Committee on Allied Health Agencies.

Secondly, re-letter the following subsections from (c) to (d) through (1).

Except as herein amended, said Chapter VII. Section 1, shall remain unchanged.

### PROPOSED CONSTITUTIONAL AMENDMENTS

Five proposed amendments to the Constitution of the California Medical Association were presented at the 1958 House of Delegates. Under the terms of the Constitution, these proposed amendments must lie on the table for one year, or until the next regular session of the House of Delegates. Meanwhile, they must be published at least twice, in separate issues of the official journal.

All members of the Association, and especially the members of the House of Delegates, will thus have the opportunity to review these proposals during the coming year. They will be presented to the 1959 House of Delegates for vote, on which a two-thirds affirmative vote of those Delegates present and voting is required for passage.



## SECRETARY-(TREASURER)

Constitutional Amendment No. 1.

Author: Donald D. Lum.

Representing: The Council.

**Resolved**, That Article VI, Section 1, of the Constitution be amended by deleting the term "Treasurer" from the present term "Secretary-Treasurer" so that the named officer shall be known as "Secretary."

## REPRESENTATION IN HOUSE OF DELEGATES

Constitutional Amendment No. 2.

Author: Sam J. McClendon.

Representing: Constitution Study Committee.

**Resolved**, That Article III, Part A, Section 2, of the Constitution of the California Medical Association be amended by deleting the words shown in parentheses below, so that the section shall read as follows:

### Section 2—Representation

As the By-Laws shall provide, each component society shall be entitled to proportionate representation in the House of Delegates (but with a minimum of two delegates).

## REPRESENTATION ON THE COUNCIL

Constitutional Amendment No. 3.

Author: Sam J. McClendon.

Representing: Constitution Study Committee.

**Resolved**, That Article III, Part B, Section 9, of the Constitution be amended in subparagraph (a) by deleting the words shown in parentheses below and adding the words shown below in italics, so that subparagraph (a) shall read as follows:

(a) Each Councilor District, as specified in this Constitution, shall be entitled to one Councilor for each 1,000 *active* members, *or major fraction thereof*, according to its membership as of the first day of (November) *September* of the preceding year; provided that each Councilor District shall be entitled to a minimum of one Councilor.

## DELEGATES FROM SECTIONS

Constitutional Amendment No. 4.

Author: A. B. Sirbu.

Representing: San Francisco Medical Society.

**WHEREAS**, The scientific sections constitute an important part of the structure of the C.M.A.; and

**WHEREAS**, The sections are not represented in the legislative body of the C.M.A., the House of Delegates; and

**WHEREAS**, The sections of the A.M.A. have for many years been represented in its House of Delegates; and

**WHEREAS**, Each section of the C.M.A. has much to contribute toward policy making, both in the scientific and the economic phases of medicine; now, therefore, be it

**Resolved**, That each section of the C.M.A. be entitled to send one delegate with full voting rights to the House of Delegates of the C.M.A.; and be it further

**Resolved**, That the C.M.A. Constitution be amended to allow for such representation as follows: Article III, Section 1 amended by the addition of (e) Delegates elected by each scientific section as listed in Chapter IV, Section 1-a of the By-Laws.

## CONSIDERATION OF CONSTITUTIONAL AMENDMENTS

Constitutional Amendment No. 5

Author: W. S. Lawrence.

Representing: Butte-Glenn Medical Society.

**WHEREAS**, Any amendment to the Constitution should be for the greatest good of the Association; and

**WHEREAS**, The most recent amendment to the Constitution which eliminates the Councilors-at-Large was passed without prior hearings in the appropriate reference committee during any regular session of the Association; and

**WHEREAS**, This action has denied interested delegates the opportunity to meet; exchange views, discuss the ramifications and evaluate the appropriateness of the Amendment to meet its purpose; and

**WHEREAS**, The proponents of the amendment would be the last to feel the necessity to press such an action through the House of Delegates without adequate consideration; now, therefore, without prejudice to the previous amendment, be it

**Resolved**: That Article VIII, Section 3, Paragraph 2 of the Constitution be amended by addition of the following:

"Further, such proposed amendment or amendments shall be referred to the appropriate Reference Committee who shall hold hearings on the proposed amendment or amendments during the course of its regular business while the Association is in convention. If the proposal or proposals are introduced during the first session of the House, hearings shall be held at both the current and the next regular meeting. If the proposal or proposals are introduced during the second session, hearings shall be held at the next meeting, and in either event, prior to submission to the House of Delegates for vote.



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1. Hodges, F. T.: *GP* 14:86, Nov., 1956.

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## American Medical Association Unveils New Aging Program

A promise of more useful and productive lives for the aging population has been made by the American Medical Association's Committee on Aging.

This assurance was given to a medical society planning conference in Chicago as part of a twofold program of individual and community action to achieve these ends. In summarizing three years of concentrated activity in the field of aging, the committee placed great stress on individual action. "The major scourges of aging man are largely the result of faulty diet, flabby bodies from poor hygiene, excessive fatigue, and aimless living."

A plan for "positive health" was suggested by Dr. Edward L. Bortz, Philadelphia, a member of the A.M.A. committee, who cited the 10 basic needs for older persons:

- A balanced diet including more protein, vitamins, and fluids; less fats and calories.
- Regular elimination of waste products.
- Adequate rest of both mind and body.
- Pursuit of interesting and specific recreational activities.
- A sense of humor, which is the best antidote for tension.
- Avoidance of excessive emotional tension which leads to personal ineffectiveness.
- Mutual loyalty of friends and family.
- Pride in a job.
- Participation in community affairs.
- Continued expansion of knowledge, wisdom, and experience, which add to maturity.

Dr. Bortz termed these 10 points a "do-it-yourself" program which should allow the average healthy man and woman to live 100 years with much less suffering and deterioration than is now occurring. He said the two major elements in prolonging life are the preservation of energy and a high degree of motivation. The first is maintained through proper diet, exercise, and rest, while the second comes from purposeful, useful activity. "Useful activity provides high and specific motivation—a justification for living these added years. When the incentive, the zest for living, is lost, senility is inevitable."

His thoughts were echoed by Dr. Theodore G. Klumpp, president, Winthrop Laboratories, New York, who said, "Based on loss of motivation and interest and to a large extent because of the fear psychosis against exercise and exertion, our middle aged and older people reduce their physical activities with damaging if not disastrous results. "I believe that we must do everything we can, as we grow older, to resist the inclination to slow down the

(Continued on Page 73)

## 35,000 Physicians Take Graduate Training

(Continued from Front Advertising Section, Page 50)

New York, Colorado, Connecticut, Iowa, and New Jersey.

—The average monthly cash stipend paid to interns continued to rise. Hospitals affiliated with teaching institutions raised their stipends from an average of \$141 in 1956-57 to \$155 in 1957-58. Non-affiliated hospitals raised theirs from an average of \$177 to \$197.

—Residency training was offered in 26 specialties and in general practice. Residencies in contagious

diseases and malignant disease have been discontinued.

—Approximately one-third of all residencies were offered in surgery, internal medicine, and obstetrics-gynecology. Residencies in aviation medicine, dermatology, obstetrics-gynecology, ophthalmology, and surgery showed an occupancy rate of 90 per cent or higher.

In the United States, 1,532 communities are receiving fluoridated water. The population served is 32,319,603.—*A.D.A. Newsletter, Oct. 1, 1957.*

# Today's Health

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### COOK COUNTY Graduate School of Medicine INTENSIVE POSTGRADUATE COURSES

#### STARTING DATES—EARLY 1959

**SURGERY**—Surgical Technic, Two Weeks, February 2, February 16  
Surgery of the Colon & Rectum, One Week, March 2, April 6  
Fractures & Traumatic Surgery, Two Weeks, March 9  
Treatment of Varicose Veins, Two Days, February 2, March 2  
American Board Review Course, Two Weeks, April 6  
Blood Vessel Surgery, One Week, March 2  
Gallbladder Surgery, Three Days, March 30  
Surgery of Hernia, Three Days, April 2

**GYNECOLOGY & OBSTETRICS**—  
Office & Operative Gynecology, Two Weeks, February 9, March 16  
Vaginal Approach to Pelvic Surgery, One Week, February 2, March 9  
General & Surgical Obstetrics, Two Weeks, February 23, March 30

**MEDICINE**—Electrocardiography, Two-Week Basic Course, March 16  
Gastroscopy & Gastroenterology, Two Weeks, March 2  
American Board Review Course, One Week, April 20

**UROLOGY**—Two-Week Intensive Course, March 30  
Ten-Day Practical Course in Cystoscopy, by appointment.

**RADIOLOGY**—Diagnostic X-Ray, Two Weeks, March 2, April 27  
Clinical Uses of Radioisotopes, Two Weeks, May 4

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### Jobs May Benefit Heart Patients

Suitable work may be more beneficial than rest and retirement for persons with severe heart disease, according to a Brooklyn, New York, physician.

Dr. Alvin Slipyan studied 19 persons who would normally be considered to be unemployable but who were successfully working in industrial and clerical jobs. The physical condition of some of them actually improved after they started working. Most industries refuse to hire cardiac patients because of the fear of absenteeism and compensation claims. Among these 19 persons, the low absenteeism rate was remarkable, Dr. Slipyan said, and there were no compensation claims.

On the basis of his study, he suggested a possible change in the rule that persons with severe heart disease require constant rest and retirement from work.

Included in the study, reported in the September 13 issue of the *Journal of the American Medical Association*, were 10 persons who had had heart attacks (three with two attacks), seven with rheumatic heart disease, and two with hypertensive heart disease. They were employed by Abilities, Inc., an Albertson, Long Island, New York, company employing only disabled persons.

Among the patients with postmyocardial infarct-

(Continued on Page 73)

## THE NEW YORK POLYCLINIC MEDICAL SCHOOL AND HOSPITAL

(Organized 1881 • *The Pioneer Post-Graduate Medical Institution in America*)

### Obstetrics and Gynecology

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*The Happiest of New Years*

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# APPLICATION FOR HOUSING ACCOMMODATIONS

FOR YOUR CONVENIENCE in making hotel reservations for the coming meeting of the **California Medical Association**, February 22 to 25, 1959, San Francisco, hotels and their rates are at the right. Use the form at the bottom of this page, indicating your first and second choice. Because of the limited number of single rooms available, your chance of securing accommodations of your choice will be better if your request calls for rooms to be occupied by two or more persons. **All requests for reservations must give definite date and hour of arrival as well as definite date and approximate hour of departure; also names and addresses of all occupants of hotel rooms must be included.**

**ALL RESERVATIONS MUST BE  
RECEIVED BEFORE: FEBRUARY 1, 1959**

**Note:** The House of Delegates will convene at the Sheraton-Palace Hotel; all Scientific Sessions and Exhibits will be at the Civic Auditorium.

## Eighty-eighth Annual Session CALIFORNIA MEDICAL ASSOCIATION San Francisco, California FEBRUARY 22-25, 1959

### HOTEL ROOM RATES \*

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950 Mason.....	12.00-20.00	16.00-24.00	37.00- 66.00
<b>MARK HOPKINS</b>			
999 California.....	14.00-18.00	18.00-22.00	32.00- 60.00
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Powell at Geary.....	10.00-22.00	15.00-24.00	26.00- 75.00
<b>SIR FRANCIS DRAKE</b>			
450 Powell.....	10.00-14.00	15.00-20.00	32.00- 40.00

\*The above quoted rates are existing rates but are subject to any change which may be made in the future.

#### CALIFORNIA MEDICAL ASSOCIATION

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Small Suite \$..... Large Suite \$..... Other Type of Room \$.....  
First Choice Hotel..... Second Choice Hotel.....

ARRIVING AT HOTEL (date)..... Hour:..... A.M. .... P.M. } Hotel reservations will be held until  
Leaving (date)..... Hour:..... A.M. .... P.M. } 6:00 P.M., unless otherwise notified

THE NAME OF EACH HOTEL GUEST MUST BE LISTED. Therefore, please include the names of both persons for each twin-bedded room requested. Names and addresses of all persons for whom you are requesting reservations and who will occupy the rooms asked for:

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.....  
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.....

Individual Requesting Reservations—Please print or type Delegate?..... Alternate?.....  
Name..... County.....  
Address..... City and State.....

## American Medical Association Unveils New Aging Program

(Continued from Page 62)

tempo of our living. I am convinced that if you will just sit and wait for death to come along, you will not have long to wait."

The role of the community in helping the aging was outlined by Dr. Frederick C. Swartz, Lansing, Michigan, committee chairman, in a six-part program. Designed to supplement individual health plans, the program calls for:

- Stimulation of a realistic attitude toward aging by all people.
- Extension of effective methods of financing health care for the aged.
- Expansion of skilled-personnel training programs and improvement of medical and related facilities for older people.
- Promotion of health maintenance programs and wider use of restorative and rehabilitative services.
- Amplification of medical and socio-economic research in problems of aging.
- Cooperation in community programs for senior citizens.

Dr. Swartz said, "It is the duty and responsibility of the state and county medical societies to study the situation of the aging population in their own states. The panorama is rapidly changing and, if the state and national committees on aging work hand in hand, we may find an answer for many situations before they become problems."

The American Medical Association hopes these programs will provide a foundation upon which a "new world of aging," reaffirming the worth and responsibilities of individual and family, can be built.

## Jobs May Benefit Heart Patients

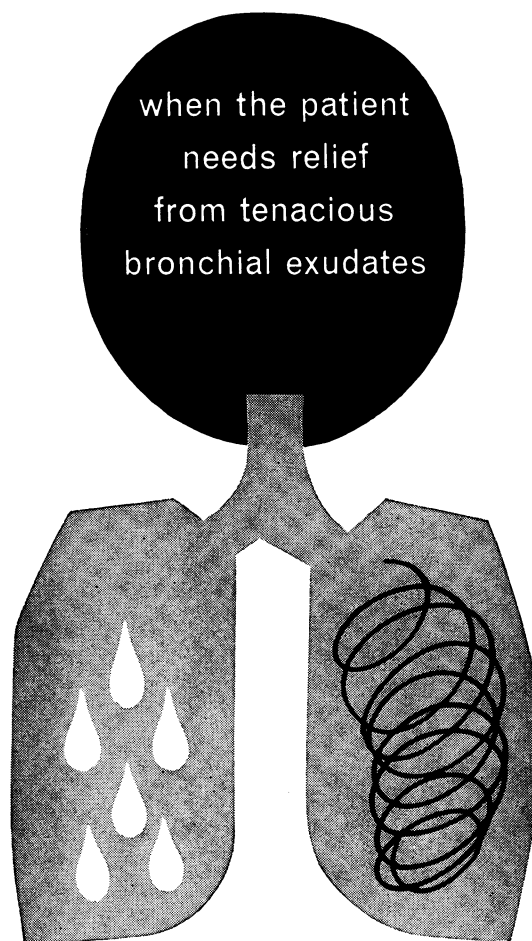
(Continued from Page 68)

tion, the age spread was from 26 to 63, with eight over the age of 50. Their jobs included office and plant bench work. The jobs all required the effort of walking, but none heavy labor. Some of these people had been unemployed for as long as four and a half years before taking jobs at Abilities, Inc.

Travel time—a factor that can influence the success or failure in a job—ranged from 15 to 45 minutes a day and the distance from 5 to 30 miles. Seven drove their own cars.

Of these patients, five showed no change in physical condition after employment, three showed definite improvement, and one had increased attacks of pain but showed no increase in disability. One man died of a cerebral embolism, apparently related

(Continued on Page 74)



## Novahistine® EXPECTORANT

combines the decongestive effects of Novahistine and the cough-control action of dihydrocodeinone with the liquefying, expectorant action of ammonium chloride.

Each 5 cc. teaspoonful contains:

Phenylephrine hydrochloride . . .	10.0 mg.
Propenpyridamine maleate . . .	12.5 mg.
Dihydrocodeinone bitartrate . . .	1.66 mg.
Ammonium chloride . . . . .	135.0 mg.
Sodium citrate . . . . .	84.5 mg.
Chloroform (approx.) . . . . .	13.5 mg.
l-Menthol . . . . .	1.0 mg.
(Alcohol 5%)	

**Dosage:** Adults—2 teaspoonfuls, three or four times daily. Children— $\frac{1}{2}$  the adult dose. Infants— $\frac{1}{4}$  to  $\frac{1}{2}$  teaspoonful, three or four times a day.

Supplied in pint and gallon bottles.



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and...in *colds*  
complicated by  
useless, exhausting  
*coughs*



## Novahistine-DH\*

(fortified Novahistine with dihydrocodeinone)

When "head colds" become "chest colds" Novahistine-DH promptly controls coughs and keeps air passages of both head and chest clear of obstruction.

Each teaspoonful (5 cc.) of grape-flavored Novahistine-DH contains:

Phenylephrine hydrochloride.....	10 mg.
Propenpyridamine maleate.....	12.5 mg.
Dihydrocodeinone bitartrate.....	1.66 mg.
Chloroform (approx.).....	13.5 mg.
I-Menthol.....	1.0 mg.

Supplied in pint and gallon bottles.

\*Trademark



**PITMAN-MOORE COMPANY**  
DIVISION OF ALLIED LABORATORIES, INC.  
INDIANAPOLIS 6, INDIANA

## Jobs May Benefit Heart Patients

(Continued from Page 73)

to an experience in which he was trapped in his car for more than an hour in a snowstorm.

Among the rheumatic heart disease group, five showed no change in their condition after starting work and two improved. Their jobs included office work as a messenger, plant inspector, bench work, and packaging. One of the hypertensive heart disease employees showed no change in status and one gradually improved.

Dr. Slipyan noted that his report "may be considered unique in that never in the history of private industry has such a deliberate policy of employing the 'unemployable' cardiac patient been seen." The financial success of this enterprise is shown by the productivity of these employees.

## Eye Protection Discussed by American Medical Association Committee

Suspicions that fluorescent lighting may be injurious to the eyes are unfounded.

"Fluorescent lighting is not harmful to the eyes. It does not cause visual discomfort if properly installed, maintained, and used," the American Medical Association Committee on Industrial Ophthalmology of the Council on Industrial Health said.

The committee's findings are part of three special reports on eye protection in industrial plants which appear in the September 6 issue of the *Journal of the American Medical Association*.

The study also revealed that:

—Ultraviolet energy from clear blue summer sky light is several times as great per foot-candle as fluorescent light.

—Light from some fluorescent lamps resembles daylight more closely than that from tungsten-filament lamps.

—Heat is the only known physiological effect produced from infrared energy found in present-day fluorescent lighting.

—Glare may occur in any lighting system and can be solved by proper installation and use.

—Noticeable flicker is usually eliminated in modern multiple tube fluorescent installations.

The committee recommends the use of guides set forth by the American Standards Association and the Illuminating Engineering Society to achieve the desired level of illumination.

In a second report to the council dealing with chemical eye injuries, the committee said, "Water is still the most universally available effective, and practical emergency first-aid treatment of eyes injured by chemicals."

"Published reports of research in the use of buffered neutralizing solutions," the committee said,

(Continued on Page 78)

## World-Wide Hunt for Radium Dial Workers Launched

A world-wide search has been launched to find at least 2,000 persons who survived radium poisoning during the 1920s. These include persons who ingested radium during their work as luminous watch dial painters or during medical treatment. Between 1915 and 1930 radium was an accepted medical treatment for a number of disorders. Contrary to popular belief, many of these people are still alive, probably in good health. If they can be found—and studied—some questions about the puzzling effects of radioactive deposits in the body may be answered. After all, they have carried radioactive material in their bodies for 30 years—a full generation.

American physicians were asked to help find these individuals, many of whom have probably forgotten—or never knew—that they were once exposed to radium.

Writing in the October 11 issue of the *Journal of the American Medical Association*, Dr. Samuel D. Clark, Cambridge, Massachusetts, asked physicians, nurses, and medical records departments to report any persons who suffered radium poisoning to a newly organized central catalog agency.

The catalog is being set up at the Radioactivity Center of the Massachusetts Institute of Technology, Cambridge.

Cooperating in the project is the Division of Biology and Medicine of the Atomic Energy Commission.

Dr. Clark noted that most medical records of these persons have been destroyed through accident or inadvertence. By collecting information about them in a central place, there will be available for study such data as the amount of internally deposited radioactivity, shortening of life span, susceptibility to disease, and the incidence of bone changes and tumors.

The information may help define “more precisely the safe levels of radioelements in the body,” an accompanying *Journal* editorial said.

It urged all physicians to cooperate in the study, adding that this cooperation “can help write the close of one of the most dramatic chapters in the history of medicine.” With the use of x-rays and radioactive isotopes, “radium seems to be nearing the end of its period of usefulness in therapy.”

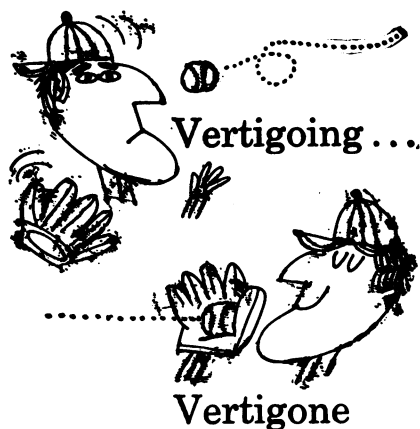
The Radioactivity Center wants information about three types of persons, Dr. Clark said. They are:

—Those who ingested radium compounds of any sort either during their work (as watch dial painters) or during medical treatment.

—Those who received injections of radium compounds for such conditions as arthritis, hypertension, or gout.

—Those who suffered exposure in the process of radium research or the manufacture of radium products.

(Continued on Page 86)



# Antivert stops vertigo

(and a glance at the formula  
shows two reasons why)

each ANTIVERT tablet contains:

**Meclizine (12.5 mg.)**

to ease vestibular distension

**Nicotinic Acid (50 mg.)**

for prompt vasodilation

ANTIVERT is particularly useful for the relief of dizziness in the elderly. Try ANTIVERT on your next vertiginous patient.

**Dosage:** one tablet before each meal. In bottles of 100 blue-and-white scored tablets. Rx only.



New York 17, New York  
Division, Chas. Pfizer & Co., Inc.



## Eye Protection Discussed by American Medical Association Committee

(Continued from Page 74)

"have failed to show superiority of buffer instillation over proper water irrigation."

Immediate and thorough flushing of chemicals from the eyes has brought about a tremendous saving of eyesight among industrial employees.

In a discussion of eye safety equipment, the committee stated that "eye disease is not caused by lenses in eye safety equipment.

"Substandard or improperly fitted lenses may

cause annoyance and discomfort, but not disease."

Safety goggles should meet the specifications of the National Bureau of Standards, they said.

"The examination, fitting, and maintenance of eye protective wear should be under the supervision of an eye physician," the committee concluded.

Dr. Edmund B. Spaeth, Philadelphia, is chairman of the committee.

**C.M.A. ANNUAL SESSION  
FEBRUARY 22 - 25  
SAN FRANCISCO**

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Staff Physician

*A patient accepted for treatment may remain under the supervision of his own physician if he so desires*

*Of course,*



*women like "Premarin"*

Therapy for the menopause syndrome should relieve not only the psychic instability attendant the condition, but the vasomotor instability of estrogen decline as well. Though they would have a hard time explaining it in such medical terms, this is the reason women like "Premarin."

Doctors, too, like "Premarin," because it really relieves the symptoms of the menopause. It doesn't just mask them — it replaces what the patient lacks — natural estrogen.

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## Maternal Deaths Halved In 11-Year Period

The proportion of women dying in childbirth has been reduced by more than half since 1946, according to two New York physicians. The past few years have been a period of "phenomenal growth and accomplishments unmatched in the history of obstetrics," they said in the September 20 issue of the *Journal of the American Medical Association*.

According to the United States National Office of Vital Statistics, the number of deaths per 10,000 live births has decreased from 11.6 in 1946 to 4 in 1956.

In Bronx County the number has dropped from 16.3 to 7.2. The figures for Bronx County are about 25 per cent higher than those for the United States, the physicians said, because the Bronx study included all deaths of women within 90 days of delivery regardless of the cause.

The five major causes of maternal deaths in Bronx County were infection, anesthesia, toxemia, hemorrhage, and heart disease. According to cause of death, the percentage of decrease in maternal mortality between the first and second halves of the 11-year study period were: Infection, 80 per cent; anesthesia, 65 per cent; toxemia, 45 per cent; hemorrhage, 24 per cent; and heart disease, 21 per cent. Although infection accounted for only 10.2 per cent

of all maternal deaths, it showed the greatest reduction as a cause of maternal death.

"Were it not for the large number of deaths due to criminal abortion, which often does not respond to the antibiotics, infection would be eliminated as a leading cause of maternal death," they said.

As an adjunct to antibiotics, blood transfusions have also helped reduce the number of deaths from infection, since infection often follows inadequately treated hemorrhage. New blood pressure-lowering drugs and diuretics help control toxemia, a condition in which there is a general "poisoning" of the system. New developments in anesthesia and the increasing number of qualified persons to administer it have made anesthesia safer and reduced complications.

The most frequent cause of maternal death was hemorrhage, accounting for 19 per cent. The decrease in deaths was primarily due to the more liberal use of blood transfusions.

Other factors contributing to the decrease include education of the public concerning the importance of early prenatal care and good medical care, improved hospital facilities, and more rigid hospital rules and regulations pertaining to obstetrical practice.

The authors are Dr. Milton D. Klein and Dr. Jacob Clahr, members of the Bronx County Medical Society's committee for maternal welfare.

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in delicious chocolate-like nuggets*

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Vitamin B-1.....	2.5 mg.
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Panthenol.....	5 mg.
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Calcium Carbonate.....	125 mg.

Boron.....	0.1 mg.
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Fluorine.....	0.1 mg.
Iodine.....	0.2 mg.
Magnesium.....	3.0 mg.
Manganese.....	1.0 mg.
Molybdenum.....	1.0 mg.
Potassium.....	2.5 mg.

\*U.S.P. UNITS      †INT. UNITS

Dose: One Nugget per day  
Supplied: Boxes of 30—one month's supply  
Boxes of 90—three months' supply or family package.



WHITE LABORATORIES, INC., KENILWORTH, N. J.

## World-Wide Hunt for Radium Dial Workers Launched

(Continued from Page 77)

There are several conditions that should make a physician suspicious of radium poisoning, he said. They are: spontaneous fractures without evidence of cancer at the site of fracture; osteogenic sarcomas, a type of bone tumor, and cancers of the sinuses. He added that many watch dial painters had unusual trouble with their teeth, losing them at an early age and having long convalescences after extraction.

Dr. Clark of the department of medicine at M.I.T. is handling the medical supervision of the project, which is headed by Prof. Robley D. Evans. Collaborating in the study are researchers at the Argonne National Laboratory and Cancer Research Hospital, Lemont, Illinois; the New Jersey State Department of Health, and the Royal Cancer Hospital, London, England.

Inert dusts effective in controlling termites have been found by entomologists.—*U. C. Clip Sheet*, January 7, 1958.

## Note

1959  
ANNUAL SESSION  
SHERATON-PALACE  
HOTEL  
SAN FRANCISCO  
FEBRUARY 22-25

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Sodium (Na).....	.....0.57%
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Stabilizer (pure)	
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Milk Sugar.....19.00 "	.....4.7%
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Catered* ICE CREAM

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B. O. BURCH, M.D.  
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W. R. POINDEXTER, M.D.  
A. V. SIMMANG, M.D.

## Dangers of Drinking "Scrap-Iron"

Use of "scrap iron," a new bootleg drink composed mainly of rubbing alcohol and mothballs, produces bizarre and serious mental effects, three South Carolina scientists have stated.

Fifty cases of severe intoxication from the drink in a three-month period were reported in the November 1 issue of the *Journal of the American Medical Association*.

Composed of yeast, cracked corn or corn meal, sugar, isopropyl alcohol, and mothballs, the concoction is made in galvanized drums which apparently give it a metallic taste; hence the name "scrap iron." Clorox, a commercial cleaning preparation, is frequently used as a catalyst.

About the addition of mothballs to the mixture, the authors said, "The only scientific reason elicited for this addition was the statement of those patients consciously aware that its addition added some 'kick to the drink'."

"Obviously this is a drink of 'voltage rather than vintage,'" they said, urging that steps be taken to hinder the sale of this "toxic substance."

A majority of the patients exhibited definite symptoms of an acute or chronic mental disturbance "out of proportion to the quantity of alcohol consumed."

"Few patients were able to ingest more than one-half pint of 'scrap iron' in six to eight hours and remain conscious. Only chronic alcoholics could drink as much as one pint and remain conscious." This bears out animal studies which showed isopropyl alcohol to be twice as toxic in all respects as ethyl alcohol.

Of the patients, 26 showed symptoms identical to those of delirium tremens from ethyl alcohol. These included restlessness, hallucinations, illusions, extreme apprehension, tremor, and general disorientation. These acute symptoms are usually reversible on abstinence from alcohol.

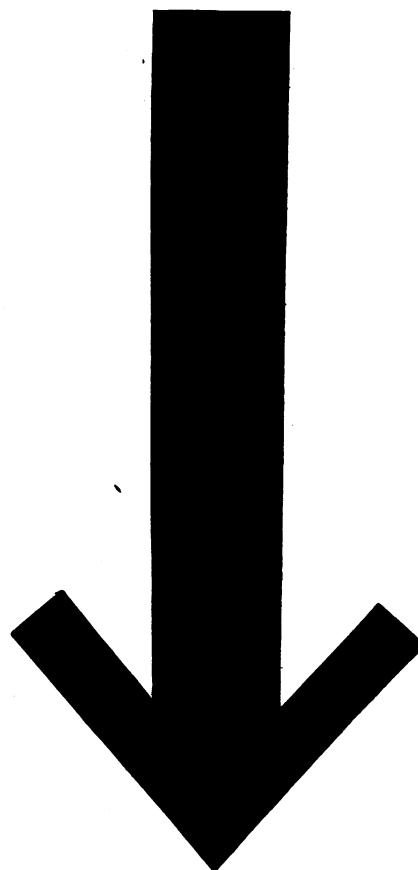
Five patients had brain symptoms which were chronic, while four had major psychiatric disturbances. Nine were diagnosed as having acute alcoholism and three as being in hypoglycemic shock, which results from an abnormally low blood sugar level. Three others had serious gastrointestinal disturbances.

Many of the patients showed other serious medical problems, including anemia, hypertension, heart trouble, epilepsy, diabetes, and pneumonia.

Most of the symptoms of "toxic psychosis" subsided within several days simply with the use of fluids, vitamins, and sedation or tranquilizers, the authors said.

In conclusion they warned that the consumption of "scrap iron" could become more prevalent because of its cheapness (isopropyl alcohol recently

(Continued on Page 92)



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SUPPLIED: Bottles of 100 scored tablets.

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## CLASSIFIED ADVERTISEMENTS

(Continued from Page 82)

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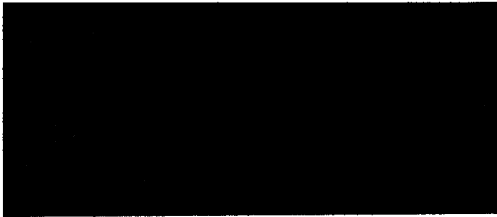
## Dangers of Drinking "Scrap-Iron"

(Continued from Page 89)

was sold for nine cents a pint) and that its prolonged use would produce effects similar to those of ethyl alcohol "but of a more severe degree in a shorter period of time."

The authors are Richard H. Gadsden, Ph.D., assistant professor of chemistry, and Drs. R. Ramsey Mellette and William C. Miller, Jr., assistant psychiatric residents, Medical College of South Carolina, Charleston.

Mortality from infectious and parasitic diseases decreased by 50 per cent between 1950 and 1955 in 28 countries and territories with a population of 564,000,000, according to a WHO statistical report.

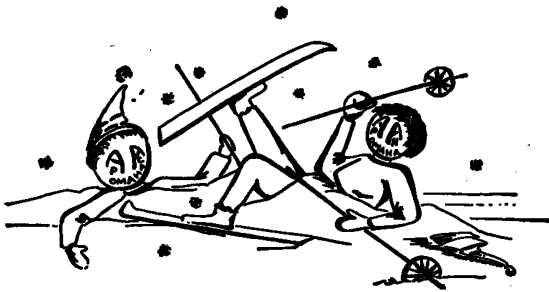


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